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Analytical results and sample-locality maps for heavy-mineral-concentrate samples collected in the west halves of the Lewiston and Sherbrooke 1° x 2° quadrangles and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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STUDIES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents partial results of a geochemical survey of portions of the White Mountain National Forest in New Hampshire, designated as proposed Wilderness Areas by the U.S. Forest Service during the Second Roadless Area Review and Evaluation (RARE II), January 1979.

STUDIES RELATED TO CUSMAP

This report presents partial results of a geochemical survey of the Sherbrooke and Lewiston 1° x 2° quadrangles, New Hampshire, Vermont, and Maine. Geochemical samples were collected as one of several multidisciplinary studies associated with the Conterminous United States Mineral Assessment Program (CUSMAP).

INTRODUCTION

This report presents analytical data for 1,166 heavy-mineral-concentrate samples collected from an area of about 4100 mi^2 (10,600 km^2) in the west halves of the Sherbrooke and Lewiston 1° x 2° quadrangles and in the White Mountain Wilderness Study Area (fig. 1). The samples were collected from 1980 to 1982 as part of mineral-resource appraisals of the Sherbrooke and Lewiston 1° x 2° quadrangles and portions of the White Mountain National Forest contained within the Lewiston quadrangle and the adjacent Portland 1° x 2° quadrangle. Studies of the Sherbrooke and Lewiston 1° x 2° quadrangles were carried out as part of CUSMAP. Studies of lands within the White Mountain National Forest were part of a RARE II evaluation of lands designated for possible wilderness classification. The area covered in wilderness studies will be called the White Mountain Wilderness Study Area in this report.

Table 1 lists additional reports that present analytical data or geochemical maps for stream-sediment and heavy-mineral-concentrate samples collected as part of the Sherbrooke/Lewiston CUSMAP project. Studies of the White Mountain Wilderness Study Area are included in table 1. A summary evaluation of the White Mountain Wilderness Study Area is presented by Moench and Gazdik (1984).

The region covered by this report is characterized by a temperate climate, abundant rainfall, lush vegetation, and widespread glacial deposits. The topography of roughly two thirds of the area is generally subdued and has numerous areas of poor drainage. The other third of the area is one of rugged mountains drained by rushing streams. With an elevation of 6288 ft (1917 m) above sea level, the summit of Mt. Washington is the highest point in the northeastern U. S. and experiences some of the most severe winter weather in the world. The lowest elevations in the area are 400-600 ft (122-183 m) above sea level where major rivers leave the area.

Bedrock of the area consists of a variety of metasedimentary, metavolcanic, and plutonic rocks ranging in age from Cambrian to Jurassic. Regional metamorphism ranges from chlorite to sillimanite grade. Numerous geologic reports cover various parts of the Sherbrooke and Lewiston 1° x 2° quadrangles and the White Mountain Wilderness Study Area. A preliminary geologic map of the Sherbrooke and Lewiston 1° x 2° quadrangles has recently

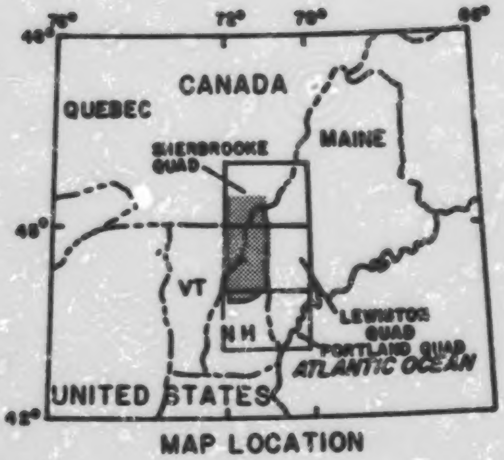
76°
72°
70°
66°
48°
45°
42°
CANADA
QUEBEC
MAINE
SHERBROOKE QUAD
VT
NH
LEWISTON QUAD
PORTLAND QUAD
ATLANTIC OCEAN
UNITED STATES
MAP LOCATION

Figure 1.--Index map, Sherbrooke, Lewiston, and Portland 1° x 2° quadrangles, New Hampshire, Vermont, and Maine.

been released (Moench, 1984). Bedrock geology of the White Mountain Wilderness Study Area is presented by Hatch and Moench (1983).

Known mineral deposits of greatest interest within the area covered by this report are massive-sulfide deposits. Gair and Slack (1979) show the locations of most of these deposits, and Brown (1968) discusses their geologic setting. Also of great interest are potential Sn resources associated with the Conway Granite (Moench and Gazdik, 1984) as indicated by high concentrations of Sn in stream sediments (Domenico, Howd, Canney, and Nowlan, 1985) and heavy-mineral concentrates derived from stream sediments (this report; Domenico and others, 1982).

METHODS OF STUDY

Sample Medium

Stream sediments represent the rock material eroded from the drainage basin upstream from each sample site. Analyses of stream-sediment samples provide information that is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. Heavy-mineral-concentrates obtained from stream sediments provide information about the chemistry of a limited number of minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals, many of which are ore-related, permits determination of some elements that are not easily detected in stream-sediment samples.

Sample Collection

Average sampling density was about 1 sample site per 3.5 mi^2. Samples were taken primarily from first-order and second-order streams as shown on USGS topographic maps (scale = 1:24,000 and 1:62,500). Each sample consisted of about 20 lbs (9 kg) of active sediment from stream sites favorable for the concentration of heavy minerals.

Samples were collected by Rick Charman, Glenn Daukas, Drummond Early, III, Wendy J. Gerstel, Patricia A. Hall-Santala, Frank H. Howd, James T. Kline, Karen M. Lumino, Gary A. Nowlan, Russell Payne, Miguel Powers, Scott C. Rose, Andrew Sprecher, and Leslie Subak.

Sample Preparation

At the sample collection site the sediments were concentrated by panning to remove most of the quartz, feldspar, organic material, and clay-sized materials. Subsequently the samples were air dried and sieved to minus 25-mesh (0.71 mm). The coarse material was discarded. The heavy minerals were further concentrated by heavy liquid and magnetic separations. The numbered fractions discussed below are the fractions resulting from magnetic separations.

Samples collected in 1980

Minerals lighter than 2.8 specific gravity, mainly quartz and feldspar, were removed by separation with bromoform. The most magnetic mineral grains, primarily magnetite, were removed using a hand magnet. Subsequently, ferromagnesian silicates and other paramagnetic minerals were removed by separation with a Frantz Isodynamic Separator set at 0.6 ampere with a 15°

forward slope and a 15° side tilt. The resultant heavy minerals were separated into three fractions dependent upon their magnetic susceptibilities. The remaining minerals represent the least magnetic heavy-mineral fraction. This nonmagnetic sample usually consists of light-colored rock accessory minerals, such as zircon, and primary and secondary ore minerals. Geochemical anomalies in this fraction are generally a reflection of the presence of ore minerals.

Samples collected in 1981 and 1982

After the samples were dried and sieved to minus 25-mesh (0.71 mm), minerals lighter than 2.8 specific gravity were removed by separation with bromoform. The resultant heavy-mineral sample was separated by the use of a large electromagnet (a modified Frantz Isodynamic Separator) into three fractions. The first fraction is primarily magnetite and the conditions of separation are those that would be produced by a Frantz Isodynamic Separator set at 0.1 ampere with a slope of 15° and a tilt of 10°. The second and third fractions were separated under conditions that would be produced by a Frantz Isodynamic Separator with the same slope and tilt but a current of 1.0 ampere. The second fraction consists mainly of ferromagnesian silicates and iron oxides.

All samples

The first fraction and the light minerals were discarded. The second fraction was saved for archival storage. The third fraction (nonmagnetic) was split through a Jones splitter; one split was saved for mineralogical analysis and the other split was pulverized to minus 100-mesh (0.15 mm) for analysis by emission spectrography.

Throughout the sample preparation procedure and prior to analysis, the 1980 samples were statistically randomized. The purpose of randomizing was to eliminate analytical bias resulting from the sequential handling of similar material and to detect any contaminants introduced during sample preparation. The 1981 and 1982 samples were randomized, but not statistically.

Sample Analysis

The nonmagnetic, heavy-mineral-concentrate samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 2. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976).

Analysts were J. A. Domenico, P. A. Hall-Santala, R. Baker, and M. Burkhardt.

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of analytical work, the analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1976).

DESCRIPTION OF DATA TABLES

Tables 3 and 4 list the analytical results. Sample locations are plotted on plates 1 and 2 as 4-digit numbers that correspond to the numeric part of the sample identifications listed in tables 3 and 4. Values determined for the major elements Fe, Mg, Ca, and Ti are given in weight percent; all others are given in parts per million (micrograms/gram). Latitude and longitude are listed in degrees, minutes, and seconds. The tables include a "Year" column to identify the year each sample was collected.

A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 2. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in tables 3 and 4 in place of an analytical value. Because of the formatting used in the computer program that produced tables 3 and 4, some of the elements listed in the table (Fe, Mg, Ca, Ti) carry one or more nonsignificant digits to the right of the significant digits.

Cadmium was not detected in any sample and is omitted from tables 3 and 4.

When the analytical results for samples collected in 1980 are compared with those for 1981-1982, a strong bias is present which we believe is due in part to the different methods of electromagnetic separation described earlier. The reader should keep this bias in mind when setting threshold levels.

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TABLE 1.--Some reports that present results of drainage geochemical surveys within the Sherbrooke and Lewiston 1° x 2° quadrangles, and White Mountain Wilderness Study Area, Maine, New Hampshire, and Vermont.

[ES: emission spectrograph; Cu-a: Cu by atomic-absorption spectroscopy; Pb-a: Pb by atomic-absorption spectroscopy; Zn-a: Zn by atomic-absorption spectroscopy; U-fl: U by fluorometry; CxCu: cold extractable Cu; CxHM: cold extractable heavy metals; Zn-cm: Zn by colorimetry]

Area	Sample medium	Types of analyses	Reference
East half of Lewiston quad	stream sediment	ES, Cu-a, Pb-a Zn-a, U-fl	Nowlan and others, 1983
East half of Lewiston quad	heavy-mineral concentrate	ES	Domenico and others, 1983
West half of Lewiston quad and an area adjacent to the south side of Lewiston quad that includes a portion of White Mountain Wilderness Study Area not in Lewiston quad	stream sediment	ES, Cu-a, Pb-a Zn-a, U-fl,	Domenico, Howd, Canney, and Nowlan, 1985
White Mountain Wilderness Study Area	heavy-mineral concentrate	ES	Domenico and others, 1982
Sherbrooke quad	stream sediment	ES, Cu-a, Pb-a, Zn-a, Zn-cm	Domenico, Howd, and Nowlan, 1985
Part of Sherbrooke quad in northern Franklin and central Somerset Counties, Maine, underlain by Attean Quartz Monzonite	stream sediment	ES, Zn-a	Domenico and Nowlan, 1984
Part of west-central Maine, including east half of Sherbrooke quad	stream sediment	CxHM, CxCu	Post and Hite, 1964
Parts of central Maine, including east half of Sherbrooke quad	stream sediment	ES, Zn-cm	Botbol and others, 1972; Chaffee and others, 1972

TABLE 2.--Limits of determination for the spectrographic analysis of heavy-mineral-concentrates based on a 5-mg sample

Elements	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.1	50
Magnesium (Mg)	0.005	20
Calcium (Ca)	0.1	50
Titanium (Ti)	0.005	2
	Parts per million	
Manganese (Mn)	20	10,000
Silver (Ag)	1	10,000
Arsenic (As)	500	20,000
Gold (Au)	20	1,000
Boron (B)	20	5,000
Barium (Ba)	50	10,000
Beryllium (Be)	2	2,000
Bismuth (Bi)	20	2,000
Cadmium (Cd)	50	1,000
Cobalt (Co)	10	5,000
Chromium (Cr)	20	10,000
Copper (Cu)	10	50,000
Lanthanum (La)	50	2,000
Molybdenum (Mo)	10	5,000
Niobium (Nb)	50	5,000
Nickel (Ni)	10	10,000
Lead (Pb)	20	50,000
Antimony (Sb)	200	20,000
Scandium (Sc)	10	200
Tin (Sn)	20	2,000
Strontium (Sr)	200	10,000
Vanadium (V)	20	20,000
Tungsten (W)	100	20,000
Yttrium (Y)	20	5,000
Zinc (Zn)	500	20,000
Zirconium (Zr)	20	2,000
Thorium (Th)	200	5,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown]

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03002A	44 20 46	71 27 23	80	.50	.20	20.00	>2.0	1,500	N	N	N	70	500	2	N
SH03003A	44 20 44	71 27 25	80	.70	.30	30.00	>2.0	1,000	N	N	N	150	300	3	200
SH03011A	44 17 15	71 27 54	80	.70	.15	15.00	>2.0	2,000	N	N	N	<20	300	2	N
SH03016A	44 19 34	71 27 32	80	1.00	.20	20.00	>2.0	1,500	N	N	N	70	700	3	N
SH03017A	44 19 38	71 27 35	80	.70	.15	15.00	>2.0	1,000	N	N	N	100	200	5	N
SH03020A	44 20 46	71 23 33	80	1.00	.20	20.00	>2.0	3,000	N	N	N	N	500	<2	N
SH03022A	44 20 11	71 23 28	80	.70	.20	10.00	>2.0	2,000	N	N	N	200	200	100	N
SH03037A	44 19 0	71 21 46	80	2.00	.50	3.00	2.0	1,500	N	N	N	150	1,000	20	N
SH03042A	44 16 7	71 24 50	80	.70	.20	30.00	>2.0	5,000	N	N	N	200	700	10	100
SH03043A	44 15 56	71 24 27	80	2.00	.70	15.00	>2.0	3,000	N	N	N	1,500	700	3	N
SH03046A	44 21 51	71 27 24	80	1.00	.20	30.00	>2.0	2,000	N	N	N	50	500	<2	N
SH03053A	44 16 1	71 26 25	80	.30	.10	50.00	2.0	7,000	N	N	N	70	100	7	N
SH03055A	44 19 34	71 23 23	80	.50	.10	15.00	>2.0	1,000	N	N	N	20	200	3	200
SH03058A	44 17 18	71 21 16	80	1.00	.20	10.00	>2.0	1,500	N	N	N	300	700	20	N
SH03059A	44 16 30	71 22 13	80	.70	.15	10.00	>2.0	1,000	N	N	N	200	700	100	2,000
SH03062A	44 19 23	71 24 43	80	.70	.15	15.00	>2.0	2,000	N	N	N	N	300	2	1,000
SH03063A	44 19 25	71 24 37	80	.50	.10	20.00	>2.0	1,000	N	N	N	N	150	N	N
SH03065A	44 16 43	71 23 58	80	.70	.15	20.00	>2.0	2,000	N	N	30	50	700	10	N
SH03066A	44 16 42	71 23 54	80	.50	.15	15.00	>2.0	2,000	N	N	N	N	500	5	N
SH03067A	44 16 44	71 24 13	80	.70	.20	20.00	>2.0	1,500	N	N	N	N	700	100	N
SH03068A	44 16 42	71 24 17	80	.70	.15	20.00	>2.0	2,000	N	N	N	200	300	10	50
SH03073A	44 17 9	71 23 13	80	.70	.20	15.00	>2.0	2,000	N	N	N	500	700	100	N
SH03074A	44 17 10	71 23 15	80	.70	.50	20.00	>2.0	3,000	N	N	N	200	500	100	150
SH03076A	44 19 10	71 25 30	80	.50	.15	15.00	>2.0	1,000	N	N	N	N	200	2	50
SH03077A	44 19 11	71 25 28	80	.70	.15	20.00	>2.0	1,500	N	N	N	N	500	2	N
SH03083A	44 10 16	71 27 48	80	.50	.50	2.00	>2.0	500	N	N	N	100	200	5	1,500
SH03087A	44 10 32	71 26 45	80	.70	.15	3.00	>2.0	700	N	N	N	100	200	10	150
SH03088A	44 9 23	71 27 18	80	1.00	.10	15.00	>2.0	700	N	N	N	N	150	100	N
SH03091A	44 8 27	71 27 53	80	3.00	.70	3.00	>2.0	2,000	N	N	N	200	200	3	N
SH03094A	44 7 23	71 26 40	80	.50	.05	1.00	1.0	500	N	N	N	30	200	5	N
SH03095A	44 7 21	71 26 38	80	2.00	.10	1.00	>2.0	1,000	N	N	N	150	200	50	N
SH03098A	44 6 47	71 27 44	80	.50	.20	1.00	1.5	300	N	N	N	50	100	2	N
SH03102A	44 7 59	71 28 19	80	2.00	.20	3.00	>2.0	1,000	N	N	N	100	300	50	N
SH03105A	44 14 53	71 23 28	80	.50	.15	15.00	>2.0	2,000	N	N	N	500	700	7	N
SH03109A	44 13 0	71 24 57	80	3.00	.15	2.00	2.0	1,000	N	3,000	N	700	700	200	500
SH03112A	44 12 30	71 24 11	80	1.50	.50	20.00	>2.0	5,000	N	N	N	150	500	2	N
SH03116A	43 51 55	71 54 1	80	1.50	.70	30.00	>2.0	1,000	N	N	N	1,000	300	2	N
SH03121A	43 50 44	71 52 42	80	10.00	1.00	15.00	>2.0	1,000	N	N	N	1,500	500	20	N
SH03122A	43 50 44	71 52 38	80	20.00	.50	15.00	>2.0	700	N	1,000	N	50	100	3	N
SH03123A	43 50 8	71 52 31	80	2.00	1.00	15.00	>2.0	1,000	N	N	N	1,000	300	15	N
SH03124A	43 49 59	71 52 20	80	3.00	.50	20.00	>2.0	1,500	N	<500	N	300	300	30	N
SH03126A	43 48 43	71 51 23	80	1.50	1.00	10.00	2.0	1,000	N	N	N	300	500	15	N
SH03131A	43 49 21	71 48 52	80	2.00	.70	5.00	>2.0	700	N	N	N	2,000	300	100	N
SH03132A	43 49 59	71 48 57	80	2.00	1.00	3.00	1.5	1,000	N	N	N	3,000	700	500	N
SH03134A	43 50 58	71 49 0	80	1.50	.50	10.00	>2.0	1,500	N	N	N	2,000	700	10	N
SH03139A	43 51 42	71 48 45	80	3.00	1.00	2.00	2.0	1,000	N	N	N	2,000	500	15	N
SH03142A	44 2 16	71 51 30	80	1.50	.20	30.00	>2.0	1,000	N	N	N	200	200	50	N
SH03144A	44 2 49	71 51 25	80	5.00	1.50	2.00	>2.0	1,500	N	N	N	5,000	2,000	10	N
SH03145A	44 3 1	71 51 22	80	3.00	1.00	20.00	>2.0	1,500	N	N	N	500	500	7	N
SH03148A	44 4 16	71 50 37	80	3.00	1.00	10.00	>2.0	1,500	N	N	N	1,500	700	300	2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03002A	N	100	<10	1,000	N	200	N	100	N	N	70	500	1,500	200	200	500
SH03003A	N	150	10	1,000	N	100	N	50	N	N	100	500	500	200	500	500
SH03011A	N	150	<10	1,500	30	150	N	70	N	N	70	200	700	200	<100	700
SH03016A	N	70	<10	1,500	N	300	N	50	N	N	70	700	200	150	300	500
SH03017A	<10	150	N	700	N	150	N	50	N	N	100	500	200	300	300	500
SH03020A	N	70	<10	2,000	N	300	N	50	N	N	30	700	500	100	200	700
SH03022A	N	70	<10	700	N	200	N	70	N	N	1,500	200	500	200	N	500
SH03037A	N	200	10	200	N	100	N	50	N	N	20	200	N	200	N	200
SH03042A	N	200	<10	1,000	N	100	N	70	N	N	20	300	<200	300	N	300
SH03043A	N	70	10	500	N	200	N	50	N	N	20	1,000	N	150	N	500
SH03046A	10	20	N	2,000	20	500	N	70	N	N	150	700	200	150	<100	500
SH03053A	N	100	N	700	N	50	15	30	N	N	1,000	<200	N	30	N	2,000
SH03055A	N	100	N	500	70	50	N	20	N	N	70	300	500	150	200	700
SH03058A	N	150	10	500	N	150	N	50	N	N	N	200	700	200	300	300
SH03059A	N	150	<10	500	N	150	N	70	N	N	20	N	200	200	<100	300
SH03062A	10	100	<10	1,000	N	150	N	70	N	<10	150	700	500	200	300	500
SH03063A	N	100	10	1,000	N	150	N	20	N	N	20	500	500	200	200	500
SH03065A	<10	100	N	1,000	N	150	N	70	N	N	20	200	200	200	200	1,000
SH03066A	N	70	N	2,000	N	200	10	70	N	N	50	N	200	300	N	500
SH03067A	10	150	10	1,500	N	200	N	70	N	N	30	200	1,000	300	500	500
SH03068A	10	100	<10	1,000	N	300	N	70	N	10	200	200	N	300	<100	700
SH03073A	N	100	<10	1,000	N	100	N	70	N	N	20	500	200	300	<100	500
SH03074A	<10	100	N	1,500	N	200	N	70	N	N	150	300	N	300	<100	300
SH03076A	<10	100	<10	1,500	N	100	N	20	N	N	20	300	700	200	100	500
SH03077A	<10	100	N	2,000	N	150	N	50	N	N	20	300	500	200	<100	700
SH03083A	N	100	N	1,000	N	200	N	70	N	N	>2,000	N	1,000	100	700	300
SH03087A	N	100	<10	1,500	<10	300	N	70	N	10	>2,000	200	1,000	200	N	1,000
SH03088A	N	70	50	2,000	10	300	N	100	N	20	>2,000	N	700	100	N	1,500
SH03091A	10	150	<10	>2,000	N	300	N	70	N	50	>2,000	N	1,500	150	N	2,000
SH03094A	N	N	N	1,000	N	150	N	100	N	30	2,000	N	700	70	N	1,500
SH03095A	N	70	N	>2,000	N	500	20	100	N	70	>2,000	N	1,500	100	<100	>5,000
SH03098A	N	N	N	1,000	N	200	N	50	N	N	>2,000	500	1,500	20	N	2,000
SH03102A	N	100	<10	>2,000	N	300	N	70	N	50	>2,000	N	2,000	100	N	1,500
SH03105A	N	300	N	300	N	1,000	N	30	N	N	1,000	<200	N	500	N	500
SH03109A	N	150	20	700	N	300	20	100	N	N	>2,000	700	500	200	N	500
SH03112A	15	100	100	1,000	N	100	N	30	N	15	>2,000	500	N	200	N	1,000
SH03118A	10	100	N	150	N	100	N	30	N	N	20	300	N	200	300	500
SH03121A	70	150	300	200	N	70	20	30	N	N	N	500	N	200	N	200
SH03122A	300	50	50	100	N	N	100	70	N	N	N	200	N	150	200	300
SH03123A	N	150	<10	200	N	150	N	20	N	N	100	500	N	150	300	200
SH03124A	70	100	15	150	N	100	70	50	N	N	100	200	N	200	150	700
SH03126A	N	150	N	100	N	N	N	N	N	N	N	300	N	300	<100	200
SH03131A	N	200	<10	150	N	150	N	20	N	N	N	200	N	300	500	200
SH03132A	15	300	N	100	N	N	30	30	N	N	N	200	N	300	N	150
SH03134A	10	200	10	300	50	200	10	100	N	N	50	200	N	200	1,000	300
SH03139A	15	300	N	100	N	70	30	30	N	N	N	N	N	300	N	150
SH03142A	N	100	<10	150	10	100	N	20	N	N	100	200	N	150	1,000	700
SH03144A	20	300	15	100	N	150	70	30	N	N	50	200	N	200	N	150
SH03145A	20	200	15	200	N	100	N	30	N	N	30	500	N	200	700	300
SH03148A	50	100	15	700	N	150	N	150	N	N	2,000	200	500	150	1,000	300

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03002A	N	>2,000
SH03003A	N	>2,000
SH03011A	N	>2,000
SH03016A	N	>2,000
SH03017A	N	>2,000
SH03020A	N	>2,000
SH03022A	N	>2,000
SH03037A	N	>2,000
SH03042A	N	>2,000
SH03043A	N	>2,000
SH03046A	N	>2,000
SH03053A	N	>2,000
SH03055A	N	>2,000
SH03058A	N	>2,000
SH03059A	N	>2,000
SH03062A	N	>2,000
SH03063A	N	>2,000
SH03065A	N	>2,000
SH03066A	N	>2,000
SH03067A	N	>2,000
SH03068A	N	>2,000
SH03073A	N	>2,000
SH03074A	N	>2,000
SH03076A	N	>2,000
SH03077A	N	>2,000
SH03083A	N	>2,000
SH03087A	N	>2,000
SH03088A	700	>2,000
SH03091A	N	>2,000
SH03094A	N	>2,000
SH03095A	N	>2,000
SH03098A	N	>2,000
SH03102A	N	>2,000
SH03105A	N	>2,000
SH03109A	N	>2,000
SH03112A	N	>2,000
SH03118A	N	>2,000
SH03121A	N	>2,000
SH03122A	N	>2,000
SH03123A	N	>2,000
SH03124A	N	>2,000
SH03126A	N	>2,000
SH03131A	N	>2,000
SH03132A	N	>2,000
SH03134A	N	>2,000
SH03139A	N	1,000
SH03142A	N	>2,000
SH03144A	N	>2,000
SH03145A	N	>2,000
SH03148A	1,500	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03149A	44 7 2	71 51 4	80	1.50	.70	15.00	>2.0	1,500	N	N	N	200	200	2	N
SH03150A	43 32 3	71 31 54	80	1.50	.50	10.00	>2.0	1,000	N	N	N	300	300	150	N
SH03156A	43 53 18	71 33 14	80	3.00	.50	3.00	>2.0	700	N	N	N	150	500	10	N
SH03159A	44 2 38	71 57 25	80	1.50	1.00	20.00	>2.0	1,000	N	N	N	700	300	2	N
SH03163A	44 2 57	71 56 20	80	3.00	.70	7.00	>2.0	1,000	N	N	N	300	300	5	N
SH03164A	44 2 21	71 56 9	80	2.00	.50	7.00	>2.0	1,000	N	N	N	150	200	2	N
SH03170A	43 50 14	71 23 27	80	1.00	.07	2.00	1.0	1,000	N	N	N	N	150	<2	N
SH03175A	43 59 42	71 22 29	80	.70	.10	.70	1.0	700	N	N	N	N	150	5	N
SH03177A	43 54 2	71 24 19	80	1.50	.20	20.00	>2.0	1,500	N	N	N	300	500	7	N
SH03187A	43 58 15	71 28 26	80	1.00	.50	20.00	>2.0	1,000	N	N	N	N	300	7	200
SH03192A	43 58 10	71 28 29	80	.50	.15	30.00	1.0	1,000	N	N	N	N	200	20	N
SH03197A	43 59 9	71 29 34	80	1.00	.20	7.00	2.0	700	N	N	N	100	500	200	20
SH03198A	43 59 7	71 29 30	80	2.00	.15	3.00	>2.0	2,000	N	N	N	700	300	10	N
SH03202A	43 55 57	71 29 34	80	2.00	.50	5.00	>2.0	1,500	N	N	N	100	300	1,500	N
SH03203A	43 55 41	71 29 41	80	1.00	.10	5.00	>2.0	700	N	N	N	200	200	15	N
SH03208A	43 56 37	71 28 34	80	2.00	.15	15.00	>2.0	1,000	N	N	N	100	300	200	1,000
SH03211A	43 56 36	71 29 14	80	.70	1.00	3.00	>2.0	1,000	N	N	N	50	200	50	N
SH03217A	44 10 10	71 53 40	80	1.50	1.00	15.00	>2.0	1,000	N	N	N	300	500	7	N
SH03221A	44 10 32	71 50 34	80	5.00	.30	2.00	2.0	1,000	N	N	N	200	500	2	N
SH03239A	44 13 4	71 49 44	80	3.00	1.50	15.00	>2.0	1,000	N	N	N	300	500	10	N
SH03241A	44 13 12	71 48 33	80	1.00	2.00	15.00	>2.0	1,000	N	N	N	500	700	5	N
SH03243A	44 12 10	71 48 54	80	2.00	1.50	10.00	>2.0	1,000	N	N	N	300	700	5	N
SH03244A	44 11 9	71 47 55	80	2.00	.50	15.00	>2.0	1,000	N	N	N	150	700	10	200
SH03246A	44 12 17	71 45 52	80	1.00	.30	15.00	>2.0	1,000	N	N	N	300	500	<2	N
SH03247A	44 12 5	71 46 12	80	1.50	.50	15.00	>2.0	1,500	N	N	N	200	300	2	150
SH03249A	44 13 51	71 45 36	80	1.00	1.50	30.00	>2.0	2,000	N	N	N	300	700	2	N
SH03250A	44 8 10	71 56 48	80	3.00	1.50	15.00	>2.0	1,000	N	N	N	700	700	10	N
SH03251A	44 8 12	71 55 50	80	1.50	1.00	10.00	>2.0	1,000	N	N	N	1,500	500	2	N
SH03254A	44 9 26	71 57 21	80	1.50	1.50	10.00	>2.0	1,000	N	N	N	500	500	10	N
SH03257A	44 10 38	71 59 35	80	1.50	.70	3.00	>2.0	700	N	N	N	500	1,500	2	N
SH03258A	44 10 43	71 59 15	80	1.00	1.00	7.00	>2.0	1,000	N	N	N	300	500	3	N
SH03262A	44 11 54	71 58 34	80	3.00	1.50	10.00	>2.0	1,000	N	N	N	150	500	7	N
SH03263A	44 11 37	71 57 37	80	2.00	1.00	10.00	>2.0	1,000	N	1,500	N	300	7,000	2	N
SH03264A	44 11 37	71 57 38	80	20.00	1.00	10.00	>2.0	700	N	N	N	200	7,000	3	N
SH03268A	44 9 30	71 57 56	80	2.00	1.00	15.00	>2.0	1,500	N	N	N	500	500	15	N
SH03276A	44 13 57	71 58 4	80	7.00	1.00	7.00	>2.0	1,000	1.0	N	20	300	700	3	N
SH03279A	44 14 40	71 59 14	80	10.00	.70	3.00	>2.0	700	N	N	N	700	700	5	N
SH03284A	44 11 4	71 54 6	80	1.50	1.00	10.00	>2.0	1,000	N	N	N	300	500	7	N
SH03291A	44 8 24	71 48 9	80	2.00	.50	20.00	>2.0	1,500	N	N	N	700	300	5	N
SH03292A	44 9 48	71 46 38	80	1.00	.70	15.00	>2.0	1,000	N	N	N	200	200	5	N
SH03296A	44 14 50	71 47 8	80	1.00	1.50	15.00	>2.0	1,000	N	N	N	200	300	150	N
SH03305A	44 1 21	71 43 59	80	50.00	.10	20.00	2.0	500	N	N	N	50	150	7	N
SH03308A	44 1 8	71 44 44	80	1.00	.70	15.00	>2.0	2,000	N	N	N	700	300	100	N
SH03311A	44 0 6	71 43 31	80	.70	.15	2.00	>2.0	700	N	N	N	200	200	10	N
SH03316A	44 6 11	71 39 16	80	.70	.20	10.00	>2.0	1,000	N	N	N	150	300	7	N
SH03324A	44 6 50	71 41 9	80	.70	.20	5.00	>2.0	1,000	N	N	N	100	150	50	N
SH03325A	44 6 48	71 41 0	80	.70	.70	15.00	>2.0	3,000	N	N	N	300	300	7	N
SH03327A	44 4 48	71 40 40	80	.70	.20	10.00	>2.0	1,000	N	N	N	100	150	3	N
SH03331A	44 3 9	71 39 23	80	1.00	.30	10.00	>2.0	1,500	N	N	N	200	150	20	N
SH03339A	44 4 4	71 41 33	80	1.00	.70	15.00	>2.0	1,500	N	N	N	150	300	15	2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03149A	N	200	N	100	10	100	N	30	N	N	50	300	N	300	500	300
SH03150A	10	300	10	200	10	300	N	50	N	N	>2,000	N	300	300	<100	300
SH03156A	20	200	20	300	30	500	N	100	N	N	>2,000	N	1,000	300	N	200
SH03159A	10	150	N	500	10	300	N	50	N	N	100	300	300	300	500	500
SH03163A	10	150	<10	100	N	100	30	N	N	N	N	500	N	200	300	150
SH03164A	N	200	N	100	15	70	N	30	N	N	100	N	N	200	700	200
SH03170A	N	N	N	>2,000	N	100	N	30	N	N	200	N	1,000	50	N	2,000
SH03175A	N	50	10	2,000	N	150	N	70	N	N	>2,000	N	700	N	N	2,000
SH03177A	N	150	10	500	N	150	N	30	N	N	300	500	N	300	N	700
SH03187A	N	N	N	1,000	N	100	N	100	N	N	>2,000	500	N	70	N	700
SH03192A	N	N	N	1,500	N	N	N	20	N	N	500	700	N	30	N	1,000
SH03197A	N	100	<10	1,500	N	200	N	100	N	N	>2,000	N	1,000	100	N	1,500
SH03198A	N	100	<10	>2,000	N	300	N	100	N	N	>2,000	<200	2,000	70	N	2,000
SH03202A	10	100	10	700	N	500	N	50	N	N	>2,000	N	2,000	150	N	700
SH03203A	N	100	N	500	15	200	N	50	N	N	>2,000	N	500	300	<100	500
SH03208A	15	100	10	1,000	N	200	N	200	N	N	>2,000	500	1,000	100	N	700
SH03211A	N	150	N	300	200	70	N	500	N	15	>2,000	<200	2,000	200	N	1,000
SH03217A	N	100	10	200	N	150	N	2,000	N	N	500	500	N	300	2,000	200
SH03221A	50	50	70	100	10	70	N	70	N	N	500	N	N	150	1,000	200
SH03239A	15	150	70	150	N	150	20	100	N	N	500	700	N	300	500	150
SH03241A	10	200	N	500	20	200	N	30	N	10	70	700	500	300	2,000	300
SH03243A	N	200	N	300	N	200	N	30	N	N	50	500	N	300	<100	200
SH03244A	70	100	<10	500	N	150	N	50	N	N	200	500	N	300	1,000	500
SH03246A	N	200	N	1,500	100	300	N	70	N	N	150	500	700	300	1,000	500
SH03247A	N	200	N	1,500	30	200	N	100	N	N	100	700	N	300	N	700
SH03249A	10	500	<10	1,000	50	300	N	100	N	N	300	700	200	500	150	500
SH03250A	20	150	50	150	N	100	30	70	N	N	150	700	N	300	<100	200
SH03251A	10	300	<10	500	N	200	N	30	N	N	200	700	N	500	2,000	300
SH03254A	<10	150	N	500	N	100	N	30	N	N	200	700	N	500	<100	300
SH03257A	70	100	20	150	N	150	20	200	N	N	N	300	N	500	100	300
SH03258A	10	100	N	300	N	100	N	30	N	N	N	500	N	500	N	300
SH03262A	20	200	15	300	N	150	20	70	N	N	N	700	N	300	N	200
SH03263A	30	200	20	700	N	100	N	70	N	N	50	700	N	300	<100	200
SH03264A	100	100	150	500	N	150	100	300	N	N	50	700	N	200	N	300
SH03268A	20	200	10	700	N	150	N	50	N	N	70	1,000	N	300	N	500
SH03276A	70	150	50	500	N	70	50	70	N	N	50	500	N	300	700	150
SH03279A	150	100	150	300	N	150	30	700	N	N	N	500	N	300	200	200
SH03284A	N	150	N	500	N	100	N	20	N	N	N	700	N	300	300	200
SH03291A	<10	200	N	300	N	100	N	30	N	N	50	700	N	200	N	700
SH03292A	N	200	N	1,000	N	150	N	300	N	30	1,500	300	N	200	N	500
SH03296A	10	200	N	1,000	20	300	N	70	N	N	70	500	N	300	N	300
SH03305A	150	70	100	N	N	N	50	30	N	N	N	N	N	70	N	500
SH03308A	N	100	N	100	N	70	N	20	N	N	200	<200	N	150	<100	200
SH03311A	N	100	<10	100	N	150	N	50	N	N	100	N	N	300	200	200
SH03316A	N	100	<10	200	N	150	N	50	N	N	>2,000	200	N	200	500	300
SH03324A	N	100	N	1,000	10	150	N	30	N	N	500	200	200	150	<100	700
SH03325A	N	100	<10	1,500	N	150	N	70	N	N	500	500	500	200	N	700
SH03327A	N	70	<10	1,000	N	200	N	50	N	N	30	200	N	70	N	300
SH03331A	N	70	N	1,000	N	200	N	50	N	N	2,000	200	200	200	100	300
SH03339A	N	100	<10	500	N	200	N	100	N	N	150	500	N	300	N	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03149A	N	>2,000
SH03150A	N	>2,000
SH03156A	500	>2,000
SH03159A	N	2,000
SH03163A	N	>2,000
SH03164A	N	>2,000
SH03170A	N	>2,000
SH03175A	N	>2,000
SH03177A	N	>2,000
SH03187A	N	>2,000
SH03192A	N	>2,000
SH03197A	N	>2,000
SH03198A	N	>2,000
SH03202A	1,000	>2,000
SH03203A	N	>2,000
SH03208A	N	>2,000
SH03211A	N	>2,000
SH03217A	N	>2,000
SH03221A	3,000	>2,000
SH03239A	N	>2,000
SH03241A	N	>2,000
SH03243A	N	>2,000
SH03244A	N	>2,000
SH03246A	N	>2,000
SH03247A	N	>2,000
SH03249A	N	>2,000
SH03250A	N	>2,000
SH03251A	N	>2,000
SH03254A	N	>2,000
SH03257A	N	>2,000
SH03258A	N	>2,000
SH03262A	N	>2,000
SH03263A	N	>2,000
SH03264A	N	>2,000
SH03268A	N	>2,000
SH03276A	N	>2,000
SH03279A	500	>2,000
SH03284A	N	>2,000
SH03291A	N	>2,000
SH03292A	N	>2,000
SH03296A	N	>2,000
SH03305A	N	>2,000
SH03308A	N	>2,000
SH03311A	N	>2,000
SH03316A	N	>2,000
SH03324A	N	>2,000
SH03325A	N	>2,000
SH03327A	N	>2,000
SH03331A	N	>2,000
SH03339A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03341A	44 0 54	71 38 7	80	.30	.10	2.00	>2.0	700	N	N	N	150	150	150	N
SH03343A	44 0 53	71 37 52	80	.70	.20	2.00	2.0	1,000	N	N	N	150	200	30	N
SH03349A	44 2 54	71 31 4	80	.20	<.05	.15	.5	1,000	N	N	N	N	N	200	N
SH03350A	44 2 58	71 31 13	80	.50	<.05	.50	.5	1,500	N	N	50	N	N	2	100
SH03357A	44 1 44	71 31 10	80	.50	.05	1.50	1.5	700	N	N	N	N	70	1,000	N
SH03367A	44 6 35	71 33 18	80	.70	.15	2.00	>2.0	700	N	N	N	50	200	2	N
SH03368A	44 7 33	71 31 35	80	1.00	.20	15.00	>2.0	1,000	N	N	N	200	200	5	70
SH03373A	44 5 4	71 31 23	80	.50	.20	2.00	>2.0	2,000	N	N	N	N	500	2	N
SH03378A	44 6 22	71 33 3	80	.30	<.05	.50	>2.0	500	N	N	N	N	N	150	N
SH03379A	44 6 21	71 33 6	80	.30	.05	1.00	.5	500	N	N	N	N	100	200	N
SH03384A	44 3 17	71 43 49	80	.70	.70	20.00	>2.0	2,000	N	N	N	200	300	5	20
SH03386A	44 3 7	71 43 54	80	1.00	.70	15.00	>2.0	1,000	N	N	N	1,500	300	7	N
SH03387A	44 3 0	71 43 47	80	1.00	1.00	20.00	>2.0	2,000	N	N	N	300	200	5	N
SH03392A	44 7 22	71 35 31	80	1.00	.70	5.00	>2.0	1,500	N	N	N	200	500	20	N
SH03397A	44 7 50	71 36 43	80	1.00	.20	15.00	>2.0	2,000	N	N	N	150	300	20	N
SH03400A	44 8 52	71 37 10	80	1.00	1.00	7.00	>2.0	3,000	N	N	N	1,000	500	5	20
SH03401A	44 9 56	71 36 2	80	1.00	.50	10.00	>2.0	2,000	N	N	N	200	300	10	N
SH03403A	44 9 58	71 35 47	80	1.00	.50	5.00	>2.0	1,500	N	N	N	700	500	7	N
SH03406A	44 8 59	71 34 52	80	1.00	.50	3.00	>2.0	1,500	N	N	N	300	300	10	N
SH03407A	44 6 14	71 34 57	80	1.00	.10	1.50	1.5	1,000	N	N	N	1,000	200	3	N
SH03411A	44 5 19	71 35 25	80	1.00	.20	7.00	2.0	1,500	N	N	N	700	200	7	N
SH03412A	44 5 31	71 34 57	80	.70	.10	3.00	>2.0	1,000	N	N	N	1,000	200	7	N
SH03413A	44 3 47	71 37 26	80	1.00	.20	5.00	2.0	1,500	N	N	N	200	150	10	N
SH03418A	44 1 40	71 53 26	80	3.00	1.50	15.00	>2.0	1,500	N	N	N	2,000	700	20	N
SH03422A	44 0 46	71 53 27	80	20.00	.50	10.00	>2.0	1,500	N	N	N	5,000	700	<2	N
SH03423A	44 0 28	71 53 0	80	3.00	1.00	20.00	>2.0	2,000	N	N	N	300	700	15	N
SH03425A	44 0 11	71 53 13	80	1.00	.70	7.00	>2.0	700	N	N	N	200	500	300	N
SH03426A	44 0 11	71 53 16	80	1.50	.05	20.00	>2.0	1,500	N	N	N	500	1,000	3	N
SH03434A	43 52 58	71 48 16	80	2.00	.20	15.00	>2.0	1,500	N	N	N	150	500	15	N
SH03435A	43 53 25	71 47 40	80	1.50	.50	20.00	>2.0	1,000	N	N	N	300	300	3	N
SH03438A	43 53 49	71 46 37	80	3.00	1.00	5.00	2.0	1,000	N	N	N	500	700	10	N
SH03444A	43 56 14	71 46 51	80	1.50	.20	20.00	>2.0	1,000	N	N	N	200	200	10	N
SH03446A	43 55 55	71 46 21	80	3.00	.70	5.00	2.0	1,000	N	N	N	700	700	10	N
SH03449A	43 56 12	71 45 29	80	1.00	.50	2.00	1.0	700	N	N	N	2,000	300	15	N
SH03450A	43 56 14	71 45 26	80	1.00	2.00	3.00	1.5	1,000	N	N	N	200	200	15	N
SH03452A	43 56 3	71 44 8	80	2.00	1.00	3.00	2.0	1,000	N	N	N	2,000	500	20	N
SH03453A	43 56 19	71 43 54	80	2.00	.20	3.00	>2.0	1,000	N	N	N	1,000	500	7	N
SH03456A	43 56 48	71 43 43	80	1.50	.50	10.00	>2.0	1,500	N	N	N	1,000	700	>2,000	N
SH03457A	43 56 57	71 43 26	80	.70	3.00	30.00	>2.0	2,000	N	N	N	70	200	500	N
SH03458A	43 56 24	71 42 16	00	2.00	.30	10.00	1.5	1,000	1.0	N	N	200	500	15	N
SH03462A	43 57 43	71 41 38	80	2.00	.50	15.00	>2.0	3,000	N	N	N	1,000	300	50	N
SH03466A	43 53 35	71 39 30	80	1.50	.50	10.00	>2.0	1,500	N	N	N	700	500	200	N
SH03467A	43 55 15	71 37 47	80	1.50	.50	10.00	>2.0	1,500	N	N	N	300	500	700	N
SH03468A	43 55 17	71 37 44	80	1.00	.20	10.00	>2.0	1,000	N	N	N	150	500	50	N
SH03470A	43 55 3	71 39 6	80	1.00	.70	7.00	>2.0	2,000	N	N	N	2,000	500	20	N
SH03472A	43 54 28	71 39 34	80	2.00	1.00	10.00	2.0	1,500	N	N	N	1,000	700	50	N
SH03473A	43 56 18	71 40 2	80	2.00	1.00	15.00	>2.0	3,000	N	N	N	2,000	300	70	N
SH03480A	43 58 28	71 39 7	80	1.50	1.00	5.00	1.5	2,000	N	N	N	1,000	700	20	N
SH03491A	43 59 8	71 40 58	80	1.50	.70	15.00	>2.0	2,000	N	N	N	1,500	500	200	N
SH03500A	43 59 40	71 53 24	80	7.00	1.50	15.00	>2.0	2,000	N	N	N	2,000	500	10	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03341A	N	300	N	N	N	500	N	N	N	N	500	N	N	500	N	200
SH03343A	N	200	N	70	N	150	N	50	N	N	200	N	N	500	N	200
SH03349A	N	<20	N	N	N	150	N	30	N	N	>2,000	N	N	N	300	50
SH03350A	N	20	10	300	N	70	N	70	N	N	>2,000	N	200	N	N	300
SH03357A	N	20	N	700	N	150	N	30	N	N	>2,000	N	700	N	N	500
SH03367A	N	50	<10	2,000	N	150	50	70	N	N	>2,000	N	1,500	100	N	1,000
SH03368A	15	150	<10	300	N	200	N	30	N	N	100	300	N	300	N	500
SH03373A	N	100	N	N	N	150	N	50	N	N	300	N	N	100	N	200
SH03378A	N	N	N	100	N	200	N	20	N	N	>2,000	N	700	<20	N	150
SH03379A	N	50	N	700	N	150	N	20	N	N	2,000	N	200	N	N	500
SH03384A	N	200	10	300	N	100	N	70	N	N	70	500	N	200	N	500
SH03386A	10	70	N	200	N	200	N	20	N	N	50	300	N	200	300	200
SH03387A	N	70	70	200	N	150	N	70	N	N	100	300	200	200	1,000	200
SH03392A	N	150	N	700	N	300	50	50	N	N	500	300	1,500	200	N	200
SH03397A	N	100	10	300	N	150	N	30	N	50	20	200	N	300	<100	500
SH03400A	10	150	<10	200	N	100	N	70	N	N	70	200	N	100	N	700
SH03401A	N	150	10	700	N	150	N	20	N	N	70	200	N	150	500	300
SH03403A	N	200	N	500	N	150	N	30	N	N	70	300	N	200	N	200
SH03406A	N	150	10	100	N	200	N	30	N	N	1,000	200	N	150	700	150
SH03407A	N	70	N	500	N	100	N	100	N	N	N	N	1,000	100	N	2,000
SH03411A	N	100	N	700	N	100	N	70	N	N	20	N	500	150	N	1,500
SH03412A	N	100	N	500	N	200	N	100	N	20	2,000	N	1,000	70	N	5,000
SH03413A	N	50	<10	1,000	N	200	30	150	N	N	700	N	700	150	N	1,000
SH03418A	20	100	10	500	N	150	15	50	N	30	300	500	N	500	500	300
SH03422A	50	100	10	100	150	N	N	50	N	N	N	<200	N	300	2,000	500
SH03423A	100	150	300	200	<10	100	N	30	N	N	N	500	N	500	500	500
SH03425A	<10	150	70	100	N	70	N	N	N	N	100	300	N	200	200	150
SH03426A	N	150	20	70	N	70	N	30	N	N	30	N	500	300	1,000	200
SH03434A	<10	150	<10	300	N	200	10	70	N	20	150	<200	N	300	200	500
SH03435A	50	100	70	100	N	70	15	30	N	30	50	200	N	300	N	150
SH03438A	15	300	30	100	N	N	20	30	N	N	200	<200	N	300	N	200
SH03444A	10	200	<10	100	N	<50	N	N	N	N	20	N	N	300	N	200
SH03446A	10	500	10	150	N	<50	20	20	N	10	N	N	N	700	N	200
SH03449A	N	300	N	70	N	N	10	70	N	N	200	N	N	300	N	500
SH03450A	N	200	N	N	N	N	N	N	N	N	200	N	N	200	N	300
SH03452A	N	200	N	300	N	50	N	50	N	N	100	N	N	300	N	150
SH03453A	N	200	30	50	N	50	N	20	N	N	200	N	N	300	N	300
SH03456A	N	200	10	100	N	100	N	30	N	N	500	N	N	200	N	200
SH03457A	N	100	N	200	N	100	N	3,000	N	N	2,000	200	N	200	100	500
SH03458A	20	200	1,000	70	N	N	70	N	N	N	300	N	N	300	N	200
SH03462A	<10	150	70	300	N	150	N	50	N	N	100	200	N	200	N	500
SH03466A	N	200	10	500	N	200	N	50	N	N	100	200	N	300	N	300
SH03467A	N	300	15	500	N	150	N	50	N	N	20	N	N	300	N	300
SH03468A	N	200	10	200	N	150	N	30	N	N	50	N	N	500	N	300
SH03470A	N	300	N	700	N	200	N	50	N	15	1,000	300	N	300	N	500
SH03472A	N	300	15	300	N	100	N	70	N	N	100	200	N	300	N	300
SH03473A	N	300	10	700	N	200	N	70	N	15	150	500	N	300	N	500
SH03480A	<10	300	50	200	N	200	15	30	N	N	150	N	N	500	N	300
SH03491A	N	200	700	300	N	150	N	70	N	N	500	500	N	300	N	500
SH03500A	100	150	20	100	N	70	30	50	N	N	50	500	N	300	150	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03341A	N	>2,000
SH03343A	N	>2,000
SH03349A	N	2,000
SH03350A	N	>2,000
SH03357A	N	>2,000
SH03367A	N	>2,000
SH03368A	N	>2,000
SH03373A	N	>2,000
SH03378A	N	>2,000
SH03379A	N	>2,000
SH03384A	N	>2,000
SH03386A	N	>2,000
SH03387A	N	>2,000
SH03392A	N	>2,000
SH03397A	N	>2,000
SH03400A	N	>2,000
SH03401A	N	>2,000
SH03403A	N	>2,000
SH03406A	N	>2,000
SH03407A	N	>2,000
SH03411A	N	>2,000
SH03412A	N	>2,000
SH03413A	N	>2,000
SH03418A	N	>2,000
SH03422A	N	1,000
SH03423A	N	>2,000
SH03425A	N	1,500
SH03426A	N	>2,000
SH03434A	N	>2,000
SH03435A	N	>2,000
SH03438A	N	1,000
SH03444A	N	>2,000
SH03446A	N	1,000
SH03449A	N	1,000
SH03450A	N	1,000
SH03452A	N	1,500
SH03453A	N	>2,000
SH03456A	N	700
SH03457A	N	>2,000
SH03458A	N	1,500
SH03462A	N	>2,000
SH03466A	N	>2,000
SH03467A	N	>2,000
SH03468A	N	>2,000
SH03470A	N	>2,000
SH03472A	N	2,000
SH03473A	N	>2,000
SH03480A	N	>2,000
SH03491A	N	>2,000
SH03500A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03501A	43 59 22	71 53 15	80	1.50	1.00	20.00	>2.0	1,500	N	N	N	700	1,000	7	N
SH03503A	43 58 8	71 53 0	80	2.00	1.50	15.00	>2.0	1,500	N	N	N	700	1,000	10	N
SH03504A	43 58 8	71 52 58	80	.70	.30	15.00	>2.0	2,000	N	N	N	300	700	2	N
SH03509A	43 53 23	71 52 35	80	3.00	1.00	20.00	>2.0	2,000	N	N	N	1,500	700	5	N
SH03510A	43 53 16	71 52 42	80	1.00	.70	30.00	>2.0	1,500	N	N	N	500	700	3	N
SH03513A	43 54 14	71 52 33	80	5.00	1.00	15.00	>2.0	1,000	N	N	N	1,000	500	5	N
SH03514A	43 54 15	71 52 33	80	1.00	.70	50.00	>2.0	1,500	N	N	N	700	700	7	N
SH03515A	43 55 2	71 52 45	80	20.00	1.00	15.00	>2.0	1,500	N	N	N	1,000	300	5	N
SH03517A	43 56 6	71 52 0	80	1.50	.50	30.00	>2.0	1,500	N	N	N	700	500	2	N
SH03518A	43 57 24	71 49 47	80	3.00	1.00	15.00	>2.0	2,000	N	N	N	1,000	700	150	N
SH03519A	43 57 22	71 49 48	80	1.50	.70	10.00	>2.0	1,000	N	N	N	1,000	700	15	N
SH03527A	43 58 49	71 45 40	80	1.00	.50	15.00	>2.0	1,000	N	N	N	2,000	700	20	N
SH03528A	43 58 51	71 45 38	80	2.00	.70	5.00	>2.0	1,000	N	N	N	300	700	10	N
SH03530A	44 0 23	71 45 45	80	2.00	.70	15.00	>2.0	2,000	N	N	N	700	700	20	N
SH03531A	44 0 25	71 45 46	80	3.00	2.00	20.00	2.0	2,000	N	N	N	1,000	700	50	N
SH03532A	44 0 23	71 45 33	80	2.00	7.00	30.00	>2.0	1,500	N	N	N	300	200	7	N
SH03534A	43 59 47	71 38 29	80	2.00	.50	2.00	>2.0	1,000	N	N	N	700	500	50	N
SH03536A	43 59 54	71 36 41	80	3.00	.70	3.00	>2.0	1,500	N	N	N	700	500	20	N
SH03537A	43 59 57	71 36 13	80	1.50	.50	2.00	>2.0	1,000	N	N	N	200	500	100	N
SH03539A	43 59 45	71 35 12	80	1.00	.20	2.00	>2.0	700	N	N	N	150	500	200	N
SH03540A	43 59 33	71 34 42	80	1.50	.20	5.00	>2.0	2,000	N	N	N	700	500	30	N
SH03541A	43 58 40	71 32 22	80	2.00	.10	1.00	>2.0	1,500	N	N	N	100	150	70	N
SH03543A	43 58 35	71 31 11	80	.70	.10	10.00	>2.0	2,000	N	N	N	100	300	150	N
SH03546A	43 58 7	71 30 24	80	1.00	.50	50.00	>2.0	2,000	N	N	N	50	150	7	N
SH03548A	43 56 14	71 30 40	80	2.00	.30	10.00	>2.0	2,000	N	N	N	100	200	15	N
SH03550A	43 55 12	71 32 23	80	.70	.15	1.00	2.0	1,000	N	N	N	70	100	70	N
SH03551A	43 54 56	71 33 4	80	1.50	.20	7.00	>2.0	1,500	N	N	N	200	200	300	N
SH03558A	44 0 50	71 26 13	80	2.00	.50	1.00	>2.0	1,000	N	N	N	500	300	30	N
SH03559A	44 0 8	71 25 6	80	1.00	.50	7.00	>2.0	1,500	N	N	N	N	200	2	N
SH03560A	44 0 4	71 25 8	80	2.00	.30	15.00	>2.0	1,000	N	N	N	100	150	300	N
SH03561A	44 0 3	71 25 4	80	2.00	.15	3.00	>2.0	1,000	N	N	N	N	200	200	N
SH03567A	43 59 21	71 24 0	80	.70	.15	30.00	2.0	1,500	N	N	N	N	70	150	N
SH03573A	44 2 8	71 19 13	80	.70	.10	2.00	>2.0	500	N	N	N	N	500	10	N
SH03574A	44 2 8	71 19 21	80	1.00	.07	.50	>2.0	500	N	N	N	100	300	10	N
SH03580A	44 1 16	71 21 30	80	1.00	.50	10.00	>2.0	1,500	N	N	N	200	200	200	N
SH03581A	44 1 16	71 21 28	80	3.00	1.00	15.00	>2.0	2,000	N	N	N	500	150	20	N
SH03582A	44 1 20	71 21 12	80	1.00	.70	5.00	>2.0	1,500	N	N	N	200	300	10	N
SH03587A	44 1 30	71 27 22	80	3.00	.20	5.00	>2.0	2,000	N	N	N	300	700	50	N
SH03589A	44 1 25	71 26 55	80	5.00	.10	2.00	>2.0	1,000	N	N	N	70	500	>2,000	N
SH03590A	44 1 19	71 25 44	80	.50	.10	.20	.2	700	N	N	N	N	50	1,000	N
SH03599A	43 59 16	71 18 58	80	1.00	.10	2.00	1.5	700	N	N	N	N	70	50	N
SH03601A	44 3 50	71 37 19	80	.50	.10	2.00	2.0	700	N	N	N	70	200	2	N
SH03604A	44 4 5	71 36 9	80	.50	.05	1.00	2.0	300	N	N	N	50	200	5	N
SH03607A	44 3 6	71 34 1	80	1.50	.70	3.00	>2.0	1,500	N	N	N	1,000	300	5	1,000
SH03610A	44 2 8	71 31 40	80	.15	<.05	.20	2.0	700	N	N	N	N	N	3	N
SH03612A	44 2 37	71 33 5	80	1.00	.15	5.00	>2.0	1,000	N	N	N	300	300	7	N
SH03615A	44 1 46	71 32 13	80	.70	.05	.30	>2.0	5,000	N	N	N	50	200	500	N
SH03616A	44 1 47	71 32 10	80	.50	.05	2.00	2.0	300	N	N	N	50	150	100	N
SH03626A	44 6 35	71 56 54	80	1.00	.50	15.00	>2.0	1,500	N	N	N	300	300	5	N
SH03632A	44 5 6	71 58 32	80	1.00	.70	15.00	>2.0	1,000	N	N	N	200	300	3	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03501A	N	100	<10	300	N	100	N	30	N	N	N	500	N	300	N	500
SH03503A	N	150	10	100	N	150	N	50	N	N	N	300	N	500	300	500
SH03504A	10	70	N	200	30	200	N	50	N	N	200	N	N	200	1,000	500
SH03509A	N	100	<10	300	10	100	N	20	N	30	200	300	N	300	500	500
SH03510A	N	70	10	150	<10	100	N	20	N	20	70	200	N	200	200	500
SH03513A	100	100	700	200	50	150	N	300	500	N	700	200	N	200	1,500	500
SH03514A	N	100	<10	300	10	150	N	30	N	N	70	200	N	200	<100	700
SH03515A	150	150	200	500	N	100	50	70	N	30	50	300	N	300	N	500
SH03517A	N	100	10	300	N	200	N	20	N	N	100	200	N	300	100	500
SH03518A	10	200	20	500	N	150	15	200	N	30	>2,000	<200	N	300	N	500
SH03519A	<10	200	10	150	N	100	N	30	N	20	200	N	300	300	N	200
SH03527A	N	150	<10	300	N	150	N	20	N	N	1,000	200	N	200	N	1,000
SH03528A	N	200	20	100	N	70	15	500	N	N	50	N	N	300	N	150
SH03530A	10	150	15	300	N	150	20	300	N	30	2,000	200	N	200	N	300
SH03531A	15	200	30	300	500	70	70	70	N	N	>2,000	300	N	200	200	500
SH03532A	15	200	<10	300	N	100	200	70	N	N	300	700	N	200	N	300
SH03534A	<10	500	N	100	N	150	N	20	N	N	700	N	N	300	N	200
SH03536A	<10	300	15	700	N	1,000	10	50	N	N	150	200	500	500	N	700
SH03537A	N	500	N	300	N	200	N	50	N	N	150	N	N	300	N	200
SH03539A	N	300	<10	100	N	500	N	30	N	N	300	N	N	500	N	200
SH03540A	N	200	N	200	N	300	N	50	N	N	150	N	N	300	N	700
SH03541A	20	150	N	500	20	150	N	200	N	N	2,000	N	200	100	N	1,500
SH03543A	N	70	N	2,000	N	300	N	100	N	N	1,500	N	500	100	N	1,000
SH03546A	N	50	N	2,000	N	150	N	50	N	N	200	300	N	100	N	1,000
SH03548A	10	200	10	>2,000	10	500	N	200	N	N	>2,000	N	2,000	150	N	1,000
SH03550A	N	100	N	200	N	200	N	20	N	N	>2,000	N	200	150	N	200
SH03551A	<10	300	<10	500	N	200	N	70	N	N	1,000	<200	200	200	N	500
SH03558A	<10	100	N	>2,000	N	200	N	70	N	N	>2,000	N	1,500	100	N	2,000
SH03559A	N	150	N	>2,000	N	150	N	70	N	50	1,000	N	2,000	100	N	2,000
SH03560A	N	20	10	2,000	N	200	20	50	N	N	>2,000	200	3,000	N	N	2,000
SH03561A	N	100	N	>2,000	N	100	N	50	N	20	>2,000	N	1,500	100	N	1,500
SH03567A	N	20	N	2,000	N	70	N	50	N	N	500	200	200	N	N	1,000
SH03573A	N	30	N	1,000	N	300	N	100	N	N	1,500	N	1,000	150	N	5,000
SH03574A	N	70	<10	1,000	10	500	N	70	N	15	1,000	N	2,000	100	N	>5,000
SH03580A	N	150	N	1,000	N	200	N	70	N	N	1,500	300	500	100	N	1,000
SH03581A	10	150	N	2,000	N	200	N	70	N	N	1,500	200	1,500	150	N	700
SH03582A	N	150	N	2,000	N	150	N	100	N	20	1,000	N	1,000	100	N	1,500
SH03587A	N	70	10	>2,000	<10	700	30	150	N	N	>2,000	200	1,000	200	<100	1,000
SH03589A	15	70	10	>2,000	N	500	N	200	N	10	>2,000	N	2,000	100	N	1,500
SH03590A	N	<20	N	200	N	300	N	N	N	50	1,500	N	N	300	N	150
SH03599A	N	N	N	500	N	200	N	50	N	N	>2,000	N	700	30	N	1,000
SH03601A	N	50	N	300	N	70	N	30	N	N	>2,000	N	300	50	N	1,500
SH03604A	N	30	N	200	N	50	N	30	N	N	2,000	N	500	N	N	2,000
SH03607A	N	150	<10	500	N	200	20	70	N	N	>2,000	N	1,000	150	N	700
SH03610A	N	N	N	100	N	200	N	20	N	N	>2,000	N	500	N	N	100
SH03612A	N	100	50	>2,000	N	200	N	70	N	50	>2,000	N	2,000	100	100	1,500
SH03615A	N	50	N	700	N	200	N	100	N	70	>2,000	N	1,000	N	N	2,000
SH03616A	N	N	<10	500	N	500	N	70	N	N	>2,000	N	700	N	N	3,000
SH03626A	N	100	10	100	N	100	N	20	N	N	N	300	N	150	700	500
SH03632A	10	100	<10	300	N	200	N	70	N	N	150	700	N	150	700	500

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03501A	N	>2,000
SH03503A	N	>2,000
SH03504A	N	>2,000
SH03509A	N	>2,000
SH03510A	N	>2,000
SH03513A	N	>2,000
SH03514A	N	>2,000
SH03515A	N	>2,000
SH03517A	N	>2,000
SH03518A	<500	>2,000
SH03519A	N	>2,000
SH03527A	N	>2,000
SH03528A	N	700
SH03530A	N	>2,000
SH03531A	N	2,000
SH03532A	N	>2,000
SH03534A	N	>2,000
SH03536A	N	>2,000
SH03537A	N	>2,000
SH03539A	N	>2,000
SH03540A	N	>2,000
SH03541A	N	>2,000
SH03543A	N	>2,000
SH03546A	N	>2,000
SH03548A	N	>2,000
SH03550A	N	>2,000
SH03551A	N	>2,000
SH03558A	N	>2,000
SH03559A	N	>2,000
SH03560A	N	>2,000
SH03561A	N	>2,000
SH03567A	N	>2,000
SH03573A	N	>2,000
SH03574A	N	>2,000
SH03580A	N	>2,000
SH03581A	N	>2,000
SH03582A	N	>2,000
SH03587A	N	>2,000
SH03589A	N	>2,000
SH03590A	N	>2,000
SH03599A	N	>2,000
SH03601A	N	>2,000
SH03604A	N	>2,000
SH03607A	N	>2,000
SH03610A	N	>2,000
SH03612A	N	>2,000
SH03615A	N	>2,000
SH03616A	N	>2,000
SH03626A	N	>2,000
SH03632A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03639A	44 6 12	71 53 9	80	3.00	.70	15.00	>2.0	3,000	20.0	N	500	300	300	5	>2,000
SH03642A	44 7 15	71 55 4	80	3.00	.70	15.00	>2.0	1,500	N	N	N	30	300	7	N
SH03647A	44 5 30	71 56 21	80	1.00	.50	15.00	>2.0	1,000	N	N	N	150	300	5	N
SH03652A	44 5 41	71 57 22	80	1.00	.70	15.00	>2.0	1,000	10.0	N	100	500	300	3	N
SH03662A	44 5 46	71 51 32	80	2.00	.50	15.00	>2.0	1,000	N	N	<20	100	300	7	>2,000
SH03675A	44 13 55	71 36 28	80	.70	.30	3.00	>2.0	700	N	N	N	100	200	20	N
SH03677A	44 13 29	71 35 48	80	3.00	.20	3.00	>2.0	700	N	N	N	100	300	5	N
SH03682A	44 9 52	71 35 11	80	2.00	.70	3.00	>2.0	2,000	N	N	N	200	500	10	N
SH03685A	44 8 29	71 34 47	80	.70	.50	7.00	>2.0	700	N	N	N	500	150	7	N
SH03686A	44 8 35	71 34 54	80	1.00	.20	2.00	>2.0	1,000	N	N	N	150	500	20	20
SH03690A	44 8 12	71 34 44	80	2.00	.70	2.00	>2.0	1,500	N	N	N	1,000	300	7	N
SH03691A	44 8 11	71 34 58	80	1.00	.30	10.00	>2.0	2,000	1.0	N	N	700	300	100	2,000
SH03698A	44 4 48	71 34 39	80	.70	.10	2.00	>2.0	500	N	N	N	N	100	2	N
SH03700A	44 5 50	71 50 29	80	1.00	.20	15.00	>2.0	1,000	N	1,500	30	200	700	10	1,500
SH03706A	44 4 47	71 47 47	80	3.00	1.00	15.00	>2.0	2,000	N	N	N	1,000	700	7	100
SH03712A	44 7 56	71 46 40	80	3.00	.70	10.00	>2.0	1,500	N	N	N	300	300	3	300
SH03713A	44 7 58	71 46 40	80	1.50	.70	15.00	>2.0	2,000	N	N	N	300	300	5	N
SH03715A	44 8 42	71 46 22	80	2.00	1.50	10.00	>2.0	2,000	N	N	N	300	300	10	N
SH03716A	44 9 24	71 40 5	80	1.00	.70	15.00	>2.0	2,000	N	N	N	200	300	300	N
SH03722A	44 9 45	71 46 3	80	2.00	1.50	10.00	>2.0	1,500	N	N	N	300	200	5	N
SH03724A	44 10 36	71 45 22	80	1.00	.20	10.00	>2.0	700	N	2,000	N	150	700	3	N
SH03726A	44 12 17	71 35 22	80	10.00	2.00	7.00	2.0	5,000	N	N	N	200	300	50	N
SH03727A	44 12 43	71 35 39	80	5.00	1.00	3.00	>2.0	1,500	N	N	N	200	500	10	N
SH03728A	44 12 27	71 35 24	80	2.00	.70	3.00	>2.0	1,500	N	N	N	200	700	10	N
SH03730A	44 1 58	71 45 52	80	3.00	1.00	15.00	>2.0	2,000	N	N	N	1,500	300	5	N
SH03733A	44 2 7	71 46 50	80	3.00	.20	15.00	>2.0	1,000	N	N	N	200	200	200	N
SH03735A	44 2 19	71 47 51	80	.50	.30	3.00	>2.0	700	N	N	N	N	200	500	2,000
SH03739A	44 3 44	71 47 22	80	3.00	1.50	10.00	>2.0	2,000	N	N	N	2,000	200	5	N
SH03743A	44 4 4	71 47 50	80	3.00	1.50	15.00	>2.0	2,000	N	N	N	>5,000	700	200	N
SH03745A	44 6 13	71 46 6	80	20.00	.20	15.00	>2.0	700	N	N	N	100	200	2	100
SH03747A	44 7 8	71 46 53	80	2.00	.15	5.00	>2.0	700	N	N	N	150	200	3	N
SH03751A	43 59 10	71 50 0	80	3.00	1.50	5.00	>2.0	1,500	N	500	N	>5,000	300	10	N
SH03757A	43 59 39	71 49 8	80	.70	.30	1.00	1.0	500	N	N	N	1,500	300	15	30
SH03761A	44 22 12	71 2 23	80	2.00	.20	15.00	>2.0	2,000	N	N	N	200	500	2	N
SH03762A	44 22 13	71 2 24	80	1.50	.50	10.00	>2.0	2,000	N	N	N	500	700	3	N
SH03763A	44 15 26	71 15 20	80	1.50	.30	.70	1.5	700	N	N	N	1,000	700	150	N
SH03769A	44 15 16	71 15 18	80	2.00	.30	2.00	>2.0	1,000	N	N	N	1,000	700	15	N
SH03771A	44 14 20	71 15 26	80	2.00	.50	.70	>2.0	700	3.0	N	N	700	700	150	N
SH03774A	44 13 30	71 15 16	80	3.00	.50	3.00	>2.0	1,500	N	N	N	5,000	700	700	N
SH03775A	44 13 12	71 15 12	80	2.00	.50	2.00	>2.0	2,000	N	N	N	1,500	1,500	10	N
SH03777A	44 13 4	71 14 45	80	2.00	.70	3.00	>2.0	1,500	N	N	N	1,500	700	20	N
SH03779A	44 11 36	71 13 43	80	1.00	.70	7.00	>2.0	2,000	N	N	N	3,000	700	150	N
SH03785A	44 12 48	71 4 15	80	1.50	.70	7.00	>2.0	3,000	N	N	N	1,500	1,000	300	N
SH03787A	44 11 58	71 4 18	80	.50	.15	5.00	1.0	1,500	N	N	N	100	300	200	N
SH03790A	44 9 33	71 6 34	80	.70	.50	7.00	>2.0	3,000	N	N	N	5,000	700	200	N
SH03791A	44 8 11	71 6 18	80	1.00	.07	.50	2.0	500	N	N	N	150	150	20	N
SH03792A	44 8 6	71 6 17	80	2.00	.70	5.00	>2.0	1,000	N	N	N	1,000	700	15	N
SH03797A	44 13 0	71 7 26	80	2.00	.50	15.00	>2.0	2,000	N	N	N	300	1,000	10	20
SH03800A	44 13 2	71 7 29	80	1.50	.70	5.00	>2.0	2,000	N	N	N	3,000	700	100	N
SH03807A	44 5 14	71 12 29	80	1.00	.15	2.00	1.5	1,500	N	N	N	50	500	5	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03639A	20	100	50	100	10	<50	N	5,000	N	N	>2,000	700	N	150	1,500	200
SH03642A	N	150	<10	70	N	100	N	50	N	N	100	500	N	100	3,000	200
SH03647A	N	150	<10	200	N	150	N	50	N	N	500	N	N	150	500	300
SH03652A	10	150	<10	200	N	100	N	20	N	N	200	200	N	200	3,000	300
SH03662A	N	70	10,000	700	N	70	N	700	N	N	50	700	N	200	1,500	500
SH03675A	N	150	<10	300	N	150	N	N	N	N	200	200	N	200	200	300
SH03677A	70	150	50	700	10	150	N	30	N	50	500	200	N	200	700	500
SH03682A	50	150	15	150	N	150	N	30	N	N	N	200	N	200	100	100
SH03685A	N	150	N	700	N	200	N	30	N	N	70	N	N	200	150	300
SH03686A	N	150	<10	700	N	150	N	30	N	N	200	200	N	200	500	200
SH03690A	15	200	<10	500	N	100	<10	20	N	N	20	200	N	200	N	300
SH03691A	N	200	<10	1,000	30	200	N	70	N	N	50	300	<200	200	700	500
SH03698A	10	50	10	>2,000	N	200	70	70	N	N	>2,000	N	2,000	100	500	700
SH03700A	100	N	<10	150	N	70	100	200	N	N	>2,000	200	N	150	1,500	300
SH03706A	50	150	30	700	<10	150	N	700	N	N	300	500	N	300	200	500
SH03712A	50	150	10	2,000	30	300	10	50	N	N	1,000	500	200	300	700	700
SH03713A	10	150	10	2,000	15	200	N	20	N	30	150	300	700	300	100	700
SH03715A	15	200	<10	1,000	10	200	N	30	N	20	100	700	500	300	N	500
SH03716A	10	200	<10	1,000	20	300	N	100	N	100	700	200	500	300	500	500
SH03722A	10	300	10	1,000	15	500	30	50	N	20	100	500	700	200	300	500
SH03724A	100	150	2,000	700	10	200	N	N	N	N	500	300	N	200	3,000	200
SH03726A	70	300	20	700	N	200	100	50	N	20	N	700	<200	300	N	200
SH03727A	70	200	10	700	20	200	30	20	N	N	150	500	N	200	1,000	300
SH03728A	N	200	N	500	N	500	N	30	N	N	500	<200	N	300	300	300
SH03730A	10	200	N	700	N	150	15	30	N	70	20	200	N	300	N	700
SH03733A	15	100	20	300	N	100	50	100	N	15	>2,000	200	200	150	300	300
SH03735A	N	200	<10	100	N	150	N	N	N	N	2,000	N	N	100	2,000	150
SH03739A	30	200	<10	700	<10	150	20	50	N	20	150	200	<200	300	150	500
SH03743A	10	300	20	700	N	100	50	70	N	N	300	<200	N	300	700	300
SH03745A	100	100	70	1,000	30	200	15	50	N	N	200	300	200	300	500	500
SH03747A	50	200	<10	700	15	200	N	20	N	50	200	200	500	300	500	1,000
SH03751A	100	200	20	500	N	150	30	30	N	N	700	N	N	300	200	300
SH03757A	N	150	20	70	N	N	N	20	N	N	20	N	N	100	100	50
SH03761A	15	300	20	500	<10	500	30	50	N	30	100	<200	N	700	<100	700
SH03762A	10	300	10	2,000	10	200	N	200	N	30	1,500	N	700	300	N	1,000
SH03763A	10	150	<10	100	N	N	15	50	N	N	N	N	N	200	N	50
SH03769A	N	300	15	300	N	70	20	30	N	N	N	N	N	300	N	150
SH03771A	<10	200	20	100	N	70	30	700	N	10	N	N	N	500	N	100
SH03774A	15	200	30	700	30	300	20	50	N	30	20	N	N	300	N	200
SH03775A	10	300	<10	200	N	500	15	50	N	N	50	N	N	300	N	150
SH03777A	<10	150	15	200	N	150	15	30	N	N	200	200	N	300	N	150
SH03779A	N	300	<10	200	N	300	N	50	N	N	30	200	N	500	200	200
SH03785A	N	200	N	300	N	200	N	50	N	N	150	200	N	300	N	300
SH03787A	20	300	10	300	N	N	N	30	N	N	1,500	N	N	100	N	700
SH03790A	N	150	N	700	N	200	N	200	N	N	500	N	1,500	150	N	2,000
SH03791A	N	N	10	700	N	500	N	200	N	N	1,000	N	5,000	100	N	>5,000
SH03792A	N	150	N	700	N	200	N	100	N	N	200	N	1,500	150	N	5,000
SH03797A	N	200	20	500	N	200	N	70	N	20	20	200	500	500	N	300
SH03800A	N	300	N	300	<10	500	N	50	N	20	N	N	N	500	N	200
SH03807A	N	100	N	200	N	200	N	30	N	N	>2,000	N	500	100	N	500

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03639A	N	>2,000
SH03642A	N	>2,000
SH03647A	N	>2,000
SH03652A	N	>2,000
SH03662A	1,500	>2,000
SH03675A	N	>2,000
SH03677A	N	>2,000
SH03682A	N	>2,000
SH03685A	N	>2,000
SH03686A	N	>2,000
SH03690A	N	>2,000
SH03691A	N	>2,000
SH03698A	N	>2,000
SH03700A	N	>2,000
SH03706A	500	>2,000
SH03712A	N	>2,000
SH03713A	N	>2,000
SH03715A	700	>2,000
SH03716A	N	>2,000
SH03722A	N	>2,000
SH03724A	N	>2,000
SH03726A	1,000	>2,000
SH03727A	N	>2,000
SH03728A	N	>2,000
SH03730A	N	>2,000
SH03733A	N	>2,000
SH03735A	N	>2,000
SH03739A	1,000	>2,000
SH03743A	N	>2,000
SH03745A	N	>2,000
SH03747A	N	>2,000
SH03751A	1,500	>2,000
SH03757A	N	700
SH03761A	N	>2,000
SH03762A	N	>2,000
SH03763A	N	500
SH03769A	N	>2,000
SH03771A	N	>2,000
SH03774A	N	>2,000
SH03775A	N	>2,000
SH03777A	N	>2,000
SH03779A	N	>2,000
SH03785A	N	>2,000
SH03787A	N	>2,000
SH03790A	N	>2,000
SH03791A	N	>2,000
SH03792A	N	>2,000
SH03797A	N	>2,000
SH03800A	N	>2,000
SH03807A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03808A	44 12 38	71 1 59	80	1.50	.70	5.00	>2.0	2,000	N	N	N	3,000	500	15	N
SH03810A	44 10 27	71 1 50	80	2.00	.50	3.00	1.5	1,000	N	N	N	1,500	500	2	N
SH03811A	44 10 46	71 3 19	80	.70	.20	2.00	1.0	1,500	N	N	N	300	200	3	N
SH03813A	44 12 20	71 1 17	80	1.00	.70	7.00	>2.0	1,000	N	N	N	2,000	700	100	N
SH03814A	44 12 10	71 0 30	80	2.00	.20	15.00	>2.0	1,500	N	N	N	200	700	50	N
SH03819A	44 6 44	71 0 20	80	1.00	.30	3.00	>2.0	1,000	N	N	N	700	300	20	N
SH03821A	44 5 24	71 1 42	80	1.50	.15	3.00	>2.0	1,500	N	N	N	300	200	200	N
SH03824A	44 5 0	71 2 6	80	1.50	.20	2.00	>2.0	2,000	N	N	N	200	500	10	N
SH03827A	44 6 12	71 1 47	80	1.00	.15	2.00	>2.0	1,000	N	N	N	300	300	7	N
SH03832A	44 2 29	71 1 53	80	1.50	.50	1.50	>2.0	1,000	N	N	N	1,500	300	<2	N
SH03833A	44 2 13	71 2 1	80	1.50	.15	1.00	>2.0	700	N	N	N	500	300	200	N
SH03836A	44 0 58	71 3 42	80	2.00	.50	3.00	1.5	1,000	N	N	N	1,000	300	2	N
SH03840A	44 2 50	71 6 37	80	1.00	.20	2.00	>2.0	1,000	N	N	N	200	200	20	N
SH03844A	44 4 53	71 6 35	80	1.50	.50	.70	1.5	1,000	N	N	N	300	500	150	N
SH03846A	44 5 7	71 5 46	80	1.50	.20	2.00	>2.0	1,000	N	N	N	700	300	150	N
SH03853A	44 0 2	71 13 30	80	2.00	.20	.70	>2.0	1,000	N	N	N	300	500	150	N
SH03858A	44 2 15	71 10 27	80	2.00	.50	1.00	>2.0	1,000	N	N	N	300	200	30	N
SH03867A	44 1 11	71 14 27	80	.70	.05	2.00	>2.0	300	N	N	N	N	150	50	100
SH03868A	44 1 13	71 14 31	80	.70	.07	.50	1.5	700	N	N	N	N	150	3	N
SH03869A	44 3 54	71 11 52	80	.70	.20	2.00	1.5	700	N	N	N	200	300	10	N
SH03872A	44 4 18	71 10 16	80	1.00	.15	3.00	>2.0	700	N	N	N	150	300	50	N
SH03879A	44 24 19	71 25 24	80	1.00	.20	10.00	>2.0	700	N	N	N	20	300	<2	N
SH03885A	44 25 23	71 28 45	80	2.00	.30	10.00	>2.0	1,000	N	N	N	150	700	<2	N
SH03890A	44 44 42	71 26 21	80	.70	.15	1.00	>2.0	700	N	N	N	300	300	2	50
SH03891A	44 8 1	71 15 41	80	1.50	.20	5.00	>2.0	1,500	N	N	N	700	700	10	N
SH03894A	44 3 22	71 24 24	80	3.00	.20	3.00	>2.0	1,000	N	N	N	70	300	200	N
SH03901A	44 22 31	71 6 32	80	1.00	.20	15.00	2.0	3,000	N	N	N	100	700	10	N
SH03902A	44 22 31	71 6 32	80	1.50	.50	15.00	>2.0	3,000	N	N	N	300	2,000	7	N
SH03908A	44 23 21	71 4 41	80	.70	.50	30.00	>2.0	3,000	N	N	N	150	500	7	N
SH03913A	44 22 33	71 1 13	80	.70	.20	20.00	>2.0	3,000	N	N	N	150	700	200	N
SH03919A	44 22 10	71 3 51	80	1.50	.30	15.00	2.0	300	N	N	N	300	500	200	N
SH03920A	44 22 12	71 3 59	80	1.00	.50	10.00	>2.0	3,000	N	N	N	1,500	500	7	N
SH03926A	44 20 57	71 0 48	80	.70	.50	20.00	>2.0	5,000	N	N	N	2,000	500	300	N
SH03931A	44 19 42	71 2 40	80	.70	.50	15.00	>2.0	3,000	N	N	N	300	700	200	N
SH03934A	44 17 53	71 3 31	80	1.50	.50	15.00	>2.0	1,500	N	N	N	150	700	300	<20
SH03940A	44 19 43	71 5 24	80	2.00	.20	10.00	1.0	2,000	N	N	N	1,000	700	10	50
SH03941A	44 19 40	71 5 25	80	.70	.20	15.00	>2.0	2,000	N	N	N	300	500	100	N
SH03950A	44 18 43	71 7 6	80	.70	.20	15.00	>2.0	2,000	N	N	N	700	700	20	N
SH03951A	44 18 41	71 7 7	80	1.00	.30	15.00	>2.0	2,000	N	N	N	1,000	500	10	N
SH03956A	44 18 7	71 4 54	80	1.00	.20	15.00	>2.0	2,000	N	N	N	300	700	10	N
SH03961A	44 17 2	71 6 25	80	.70	.20	.15	>2.0	2,000	N	N	N	500	700	1,000	N
SH03962A	44 16 28	71 5 42	80	1.00	.70	10.00	2.0	3,000	N	N	N	1,500	500	300	N
SH03966A	44 13 18	71 12 1	80	.70	.20	5.00	>2.0	2,000	N	N	N	1,000	500	500	N
SH03969A	44 13 19	71 11 25	80	1.00	.30	5.00	>2.0	2,000	N	3,000	N	2,000	500	500	20
SH03970A	44 10 18	71 9 21	80	2.00	.30	3.00	>2.0	1,500	N	3,000	N	1,000	700	15	N
SH03971A	44 10 0	71 9 36	80	2.00	.50	5.00	>2.0	1,500	N	N	N	2,000	1,000	20	N
SH03972A	44 9 58	71 9 29	80	1.00	.50	5.00	>2.0	1,000	N	N	N	500	700	100	N
SH03973A	44 10 2	71 9 21	80	1.50	.70	3.00	>2.0	1,000	N	N	N	500	1,000	50	N
SH03986A	44 7 55	71 11 26	80	1.00	.70	1.50	>2.0	500	N	N	N	1,000	700	20	N
SH03991A	44 9 42	71 5 38	80	1.50	.50	3.00	>2.0	2,000	N	N	N	1,500	700	70	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03808A	<10	200	<10	1,000	N	200	N	50	N	N	>2,000	N	300	200	N	500
SH03810A	10	100	N	2,000	N	50	N	30	N	N	>2,000	<200	300	100	N	1,000
SH03811A	N	70	N	>2,000	N	100	N	50	N	N	1,500	N	500	100	N	2,000
SH03813A	15	300	700	300	N	200	N	500	N	N	>2,000	200	200	300	N	500
SH03814A	70	200	70	700	N	200	50	70	N	N	200	200	N	300	N	700
SH03819A	N	150	N	100	N	100	N	50	N	N	200	N	200	200	N	1,000
SH03821A	N	100	10	700	<10	150	N	70	N	20	200	N	2,000	200	N	3,000
SH03824A	N	150	N	150	N	300	N	50	N	N	>2,000	N	500	150	N	700
SH03827A	N	150	<10	200	N	150	N	70	N	10	200	N	1,000	200	N	2,000
SH03832A	N	200	N	1,000	N	300	N	70	N	N	500	N	1,000	100	N	2,000
SH03833A	N	100	N	1,500	N	200	N	70	N	N	>2,000	N	2,000	150	N	1,500
SH03636A	N	150	N	1,000	N	500	N	50	N	N	500	N	500	200	N	1,500
SH03840A	N	150	20	150	N	150	N	50	N	N	150	N	700	300	N	1,000
SH03844A	N	200	50	100	N	200	N	50	N	N	700	N	200	200	N	200
SH03846A	N	150	10	200	N	100	N	20	N	N	>2,000	N	500	300	N	1,000
SH03853A	<10	150	N	1,000	N	200	N	70	N	N	1,500	N	300	100	N	1,000
SH03858A	<10	150	50	>2,000	N	200	N	70	N	N	>2,000	N	1,500	150	N	2,000
SH03867A	N	50	N	300	N	100	N	50	N	N	>2,000	N	500	100	N	1,500
SH03868A	N	50	N	700	N	100	N	20	N	30	>2,000	N	700	N	N	1,500
SH03869A	N	100	N	500	N	100	N	30	N	N	>2,000	200	300	100	N	700
SH03872A	N	150	N	300	N	150	N	70	N	N	>2,000	N	300	200	N	1,000
SH03879A	N	100	N	1,500	20	50	N	20	N	N	20	200	200	200	<100	1,000
SH03885A	N	100	N	1,000	N	100	N	50	N	N	150	700	500	300	N	700
SH03890A	N	200	N	1,500	30	100	N	30	N	N	100	N	200	50	N	1,000
SH03891A	10	200	10	150	N	150	N	50	N	10	>2,000	200	N	300	<100	500
SH03894A	10	70	10	>2,000	<10	200	N	100	N	N	>2,000	N	2,000	100	200	1,500
SH03901A	N	100	N	150	N	100	N	50	N	N	N	200	700	150	N	700
SH03902A	N	200	50	200	N	150	50	100	N	N	700	N	300	200	<100	500
SH03908A	N	150	<10	300	<10	300	N	30	N	N	200	N	N	200	N	1,000
SH03913A	10	200	N	500	N	300	N	70	N	N	100	200	N	500	N	700
SH03919A	N	150	<10	200	N	150	N	50	N	N	70	200	N	100	N	500
SH03920A	N	100	20	100	N	300	N	70	N	N	20	200	N	500	N	500
SH03926A	N	70	<10	300	N	500	N	70	N	N	300	200	N	300	N	700
SH03931A	N	100	N	300	N	300	N	70	N	N	50	200	N	300	N	300
SH03934A	N	100	10	150	N	100	N	20	N	N	20	N	N	300	N	200
SH03940A	<10	200	N	150	N	N	10	50	N	30	N	200	N	150	N	300
SH03941A	N	150	<10	200	N	150	N	100	N	N	200	300	<200	300	500	700
SH03950A	N	150	N	100	N	200	N	50	N	N	100	N	N	300	N	500
SH03951A	N	200	N	200	N	150	N	70	N	N	70	300	N	200	N	500
SH03956A	<10	150	<10	200	N	200	N	30	N	N	N	200	N	300	N	500
SH03961A	N	150	N	70	N	300	N	50	N	N	150	500	N	200	500	300
SH03962A	<10	200	<10	70	N	100	N	20	N	N	N	N	N	150	N	300
SH03966A	N	100	N	200	N	150	N	50	N	N	30	N	N	300	<100	300
SH03969A	30	200	<10	150	N	500	N	50	N	N	150	N	N	500	200	300
SH03970A	150	300	<10	100	N	300	200	70	N	10	>2,000	200	N	500	500	300
SH03971A	N	300	N	200	N	200	N	50	N	N	N	500	N	500	N	300
SH03972A	N	200	10	200	N	150	20	50	N	10	150	200	N	300	200	200
SH03973A	N	200	<10	150	N	150	N	70	N	N	20	<200	N	300	N	200
SH03986A	N	200	N	N	N	500	N	30	N	N	1,000	N	N	500	N	200
SH03991A	N	200	<10	500	N	150	N	100	N	30	N	N	2,000	300	N	>5,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03808A	N	>2,000
SH03810A	N	>2,000
SH03811A	N	>2,000
SH03813A	N	>2,000
SH03814A	N	>2,000
SH03819A	N	>2,000
SH03821A	N	>2,000
SH03824A	N	>2,000
SH03827A	N	>2,000
SH03832A	N	>2,000
SH03833A	N	>2,000
SH03836A	N	>2,000
SH03840A	N	>2,000
SH03844A	N	>2,000
SH03846A	N	>2,000
SH03853A	N	>2,000
SH03858A	N	>2,000
SH03867A	N	>2,000
SH03868A	N	>2,000
SH03869A	N	>2,000
SH03872A	N	>2,000
SH03879A	N	>2,000
SH03885A	N	>2,000
SH03890A	N	>2,000
SH03891A	N	>2,000
SH03894A	N	>2,000
SH03901A	N	>2,000
SH03902A	N	>2,000
SH03908A	N	>2,000
SH03913A	N	>2,000
SH03919A	N	>2,000
SH03920A	N	>2,000
SH03926A	N	>2,000
SH03931A	N	>2,000
SH03934A	N	>2,000
SH03940A	N	>2,000
SH03941A	N	>2,000
SH03950A	N	>2,000
SH03951A	N	>2,000
SH03956A	N	>2,000
SH03961A	N	>2,000
SH03962A	N	>2,000
SH03966A	N	>2,000
SH03969A	N	>2,000
SH03970A	N	>2,000
SH03971A	N	>2,000
SH03972A	N	>2,000
SH03973A	N	>2,000
SH03986A	N	>2,000
SH03991A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH03993A	44 10 52	71 5 17	80	.70	.07	1.50	1.5	700	N	N	N	70	200	2	N
SH04003A	44 22 44	71 43 44	80	3.00	1.50	15.00	>2.0	2,000	N	N	N	150	>10,000	10	N
SH04007A	44 22 11	71 42 33	00	1.50	1.50	10.00	>2.0	1,500	N	N	N	300	500	10	N
SH04010A	44 24 38	71 41 18	80	1.00	1.50	10.00	>2.0	1,500	N	N	N	200	700	7	N
SH04012A	44 24 25	71 38 9	80	1.50	.50	7.00	>2.0	1,000	N	N	N	100	700	5	N
SH04017A	44 23 9	71 39 6	80	1.50	1.50	15.00	>2.0	1,500	N	N	N	200	500	7	N
SH04023A	44 21 18	71 40 31	80	1.50	.70	10.00	>2.0	1,500	N	N	N	500	500	10	N
SH04026A	44 16 8	71 39 18	80	1.50	1.00	10.00	>2.0	1,500	N	N	N	300	500	10	N
SH04032A	44 20 5	71 42 26	80	2.00	1.50	10.00	>2.0	1,500	N	N	N	300	500	20	N
SH04034A	44 18 59	71 43 36	80	2.00	1.50	15.00	>2.0	1,500	N	N	N	300	700	10	N
SH04035A	44 21 47	71 43 55	80	2.00	1.50	15.00	>2.0	1,500	N	N	N	500	700	15	N
SH04041A	44 16 23	71 42 39	80	1.00	.70	15.00	>2.0	1,000	N	N	N	150	300	5	N
SH04047A	44 17 8	71 38 27	80	1.00	.20	15.00	>2.0	1,500	N	N	N	150	300	<2	N
SH04055A	44 15 58	71 33 21	80	1.00	.20	7.00	>2.0	1,000	N	N	N	100	500	7	N
SH04056A	44 14 37	71 34 33	80	1.50	.50	10.00	>2.0	1,000	N	N	N	100	500	5	N
SH04058A	44 14 36	71 34 30	80	1.50	.30	10.00	>2.0	1,000	N	N	N	150	500	2	N
SH04061A	44 15 46	71 32 20	80	1.50	.50	15.00	>2.0	1,500	N	N	N	100	500	2	N
SH04063A	44 16 17	71 30 31	80	1.50	.70	15.00	>2.0	1,500	N	N	N	300	500	10	N
SH04065A	44 17 45	71 32 26	80	1.00	.20	15.00	>2.0	1,500	N	N	N	70	700	10	N
SH04070A	44 18 35	71 31 16	80	1.50	.30	15.00	>2.0	1,000	N	N	N	70	700	2	100
SH04073A	44 20 20	71 53 25	80	1.00	1.00	15.00	>2.0	1,000	N	N	N	200	500	7	N
SH04075A	44 19 49	71 55 15	80	1.00	1.50	15.00	>2.0	1,000	N	N	N	500	200	2	N
SH04076A	44 19 48	71 56 11	80	10.00	1.00	7.00	>2.0	1,000	N	3,000	N	1,000	300	7	N
SH04081A	44 19 1	71 59 3	80	1.00	1.00	10.00	>2.0	1,000	N	N	N	150	500	7	N
SH04084A	44 18 13	71 59 26	80	2.00	1.50	10.00	>2.0	1,500	N	N	N	200	700	10	N
SH04085A	44 18 0	71 59 14	80	1.50	1.00	7.00	>2.0	500	N	N	N	300	500	10	N
SH04089A	44 13 48	71 32 37	80	1.50	.70	3.00	>2.0	700	N	N	N	150	700	15	N
SH04090A	44 13 49	71 32 32	80	5.00	.50	5.00	>2.0	700	N	N	N	150	300	7	N
SH04094A	44 12 16	71 31 45	80	2.00	1.50	2.00	>2.0	700	N	N	N	300	500	20	N
SH04095A	44 12 15	71 31 41	80	3.00	.70	10.00	>2.0	1,000	N	N	N	150	1,500	3	N
SH04104A	44 10 48	71 14 16	80	1.50	.50	1.00	>2.0	1,000	N	N	N	2,000	700	10	N
SH04108A	43 59 15	71 17 56	80	.30	N	.20	1.5	300	N	N	N	N	N	3	N
SH04120A	43 55 25	71 17 4[illegible]	80	.70	.07	.70	2.0	1,000	N	N	N	N	100	100	N
SH04123A	43 56 12	71 17 1[illegible]	80	1.00	.07	.50	1.0	700	N	N	N	150	50	70	N
SH04126A	43 54 35	71 18 56	80	.70	.15	3.00	>2.0	700	N	N	N	200	300	100	N
SH04134A	43 55 50	71 23 9	80	.50	.05	1.00	>2.0	500	N	N	N	N	150	2	N
SH04135A	43 55 51	71 23 14	80	.30	.05	1.00	1.5	300	N	N	N	N	200	5	N
SH04141A	44 8 23	71 41 4	80	1.50	.50	10.00	>2.0	2,000	N	N	N	150	700	500	N
SH04142A	44 8 5	71 40 53	80	2.00	1.00	15.00	>2.0	1,500	N	N	N	200	300	150	500
SH04145A	44 11 29	71 40 45	80	1.50	.70	10.00	>2.0	1,000	N	N	N	500	500	20	N
SH04148A	44 14 30	71 38 3	80	1.50	.30	7.00	>2.0	1,000	N	N	N	500	500	10	N
SH04154A	44 12 12	71 43 10	80	1.00	.70	15.00	>2.0	1,000	N	N	N	200	700	5	N
SH04156A	44 11 10	71 43 57	80	2.00	.50	10.00	>2.0	1,000	N	N	N	150	700	5	N
SH04161A	44 1 35	71 59 14	80	2.00	.50	15.00	>2.0	2,000	N	N	N	300	700	2	N
SH04164A	44 3 38	71 56 28	80	1.50	.30	7.00	>2.0	1,000	N	N	N	300	3,000	5	N
SH04166A	44 0 15	71 55 28	80	1.00	.30	15.00	>2.0	1,500	N	N	N	150	100	<2	N
SH04167A	44 7 49	71 42 34	80	2.00	.70	15.00	>2.0	1,000	N	N	N	1,000	500	50	N
SH04169A	44 13 59	71 38 18	80	1.00	.50	15.00	>2.0	2,000	N	N	N	150	300	5	N
SH04171A	44 13 19	71 37 56	80	1.50	1.00	10.00	>2.0	1,000	N	N	N	200	200	10	N
SH04173A	44 12 58	71 37 42	80	2.00	.70	5.00	>2.0	1,000	N	N	N	300	500	7	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH03993A	N	70	N	2,000	N	100	N	30	N	N	>2,000	N	1,000	70	N	1,000
SH04003A	N	200	N	150	10	200	N	50	N	N	30	700	N	300	N	300
SH04007A	10	300	10	500	10	200	N	30	N	N	50	700	300	500	N	200
SH04010A	N	200	N	200	10	200	N	30	N	N	70	500	<200	300	300	200
SH04012A	15	200	10	500	30	150	N	30	N	N	150	300	N	300	700	200
SH04017A	10	150	10	500	<10	150	N	70	N	N	70	500	N	300	200	200
SH04023A	N	150	<10	300	N	100	N	20	N	N	N	700	N	200	N	150
SH04026A	10	150	<10	1,000	20	300	N	70	N	N	200	700	N	300	100	200
SH04032A	<10	150	10	700	N	200	N	50	N	N	50	500	N	300	<100	300
SH04034A	15	200	10	300	N	150	20	20	N	N	N	700	N	300	300	150
SH04035A	N	150	10	300	N	200	N	70	N	N	70	700	1,500	500	N	200
SH04041A	10	200	50	2,000	50	300	N	700	N	N	200	500	200	500	700	300
SH04047A	10	150	20	2,000	10	500	N	50	N	20	100	<200	N	100	N	1,000
SH04055A	N	150	10	1,000	N	300	N	50	N	N	200	300	N	300	100	500
SH04056A	20	150	20	1,000	<10	300	N	50	N	N	70	200	N	100	N	500
SH04058A	50	200	20	1,000	10	300	20	70	N	N	1,500	200	N	100	500	700
SH04061A	10	100	20	1,500	N	200	N	30	N	20	70	300	N	300	300	1,000
SH04063A	N	150	10	1,500	<10	300	N	70	N	N	200	500	N	150	N	700
SH04065A	10	150	<10	1,000	70	200	N	30	N	N	200	200	N	300	500	1,000
SH04070A	10	150	<10	1,500	<10	100	N	30	N	N	30	500	N	300	300	700
SH04073A	N	200	10	150	N	100	N	20	N	N	N	700	N	200	N	200
SH04075A	N	300	<10	300	N	200	N	50	N	N	20	1,000	N	300	150	300
SH04076A	1,000	100	100	200	N	100	100	2,000	<200	20	500	700	N	300	N	150
SH04081A	10	200	10	100	N	150	N	30	N	N	100	700	N	150	<100	200
SH04084A	N	200	10	100	N	100	N	50	N	N	50	700	N	300	300	150
SH04085A	N	200	<10	150	N	150	N	50	N	N	70	700	N	200	200	200
SH04089A	<10	200	10	300	<10	100	N	50	N	N	500	300	N	200	200	200
SH04090A	100	200	150	500	<10	200	20	70	N	N	>2,000	200	1,000	200	<100	300
SH04094A	50	150	30	1,000	<10	200	20	200	N	N	>2,000	500	200	200	N	700
SH04095A	20	150	20	700	10	300	20	70	N	N	2,000	300	N	200	N	500
SH04104A	N	200	10	300	N	700	N	20	N	N	20	200	N	100	700	200
SH04108A	N	N	N	500	N	500	N	N	N	N	>2,000	N	1,000	N	150	300
SH04120A	N	50	<10	300	N	300	N	50	N	N	>2,000	N	1,000	100	300	700
SH04123A	N	N	N	2,000	N	500	N	70	N	N	>2,000	N	700	N	N	300
SH04126A	N	100	150	500	N	100	N	5,000	N	30	>2,000	N	500	200	N	1,500
SH04134A	N	20	N	500	N	50	N	30	N	70	50	N	N	N	N	1,000
SH04135A	N	N	N	500	N	N	N	20	N	50	200	N	N	N	N	1,500
SH04141A	N	200	<10	500	N	150	N	70	N	N	500	300	N	200	N	500
SH04142A	N	150	10	700	N	100	N	30	N	N	150	300	N	200	N	700
SH04145A	50	150	<10	1,000	N	500	N	70	N	N	70	500	N	300	N	500
SH04148A	N	150	10	1,000	N	500	N	70	N	N	70	300	200	300	N	500
SH04154A	10	200	N	1,500	50	300	N	70	N	N	300	700	500	200	N	500
SH04156A	10	300	100	2,000	50	100	N	70	N	N	300	700	300	300	100	700
SH04161A	20	150	10	1,000	100	70	N	100	N	N	100	700	N	200	1,500	500
SH04164A	70	300	100	200	N	150	N	100	N	N	500	500	N	200	700	300
SH04166A	10	200	<10	1,000	200	200	N	70	N	N	150	N	N	300	1,000	700
SH04167A	50	200	15	2,000	30	200	N	70	N	N	100	700	300	300	N	700
SH04169A	<10	200	N	1,500	50	200	N	70	N	N	150	300	500	200	<100	1,000
SH04171A	20	200	N	700	15	200	N	50	N	N	50	300	N	200	N	500
SH04173A	N	200	70	1,000	10	300	N	70	N	N	50	300	N	300	N	500

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH03993A	N	>2,000
SH04003A	N	>2,000
SH04007A	N	>2,000
SH04010A	N	>2,000
SH04012A	N	>2,000
SH04017A	N	>2,000
SH04023A	N	>2,000
SH04026A	N	>2,000
SH04032A	N	>2,000
SH04034A	N	>2,000
SH04035A	N	>2,000
SH04041A	N	>2,000
SH04047A	N	>2,000
SH04055A	N	>2,000
SH04056A	N	>2,000
SH04058A	N	>2,000
SH04061A	N	>2,000
SH04063A	N	>2,000
SH04065A	N	>2,000
SH04070A	N	>2,000
SH04073A	N	>2,000
SH04075A	N	>2,000
SH04076A	N	>2,000
SH04081A	N	>2,000
SH04084A	N	>2,000
SH04085A	N	>2,000
SH04089A	N	>2,000
SH04090A	N	>2,000
SH04094A	N	>2,000
SH04095A	N	>2,000
SH04104A	N	>2,000
SH04108A	N	>2,000
SH04120A	N	>2,000
SH04123A	N	>2,000
SH04126A	N	>2,000
SH04134A	N	>2,000
SH04135A	N	>2,000
SH04141A	N	>2,000
SH04142A	N	>2,000
SH04145A	N	>2,000
SH04148A	N	>2,000
SH04154A	N	>2,000
SH04156A	N	>2,000
SH04161A	700	>2,000
SH04164A	N	>2,000
SH04166A	N	>2,000
SH04167A	N	>2,000
SH04169A	N	>2,000
SH04171A	N	>2,000
SH04173A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH04174A	44 12 58	71 37 39	80	1.00	.70	10.00	>2.0	1,000	N	N	N	100	700	7	N
SH04177A	44 10 24	71 44 9	80	1.50	.50	10.00	>2.0	1,000	N	N	N	150	700	15	N
SH04178A	44 9 37	71 52 44	80	2.00	1.00	10.00	>2.0	1,000	N	N	N	500	500	7	2,000
SH04179A	44 9 13	71 51 53	80	2.00	.50	5.00	>2.0	1,500	N	N	N	300	700	7	N
SH04183A	44 14 6	71 56 3	80	5.00	.70	7.00	>2.0	1,000	N	N	N	500	1,500	5	N
SH04186A	43 53 45	71 22 3	80	1.00	.30	10.00	>2.0	1,000	N	N	N	150	500	10	N
SH04201A	44 23 16	71 7 31	80	.50	.10	10.00	>2.0	1,500	N	N	N	50	150	<2	N
SH04206A	44 23 3	71 8 17	80	.50	.10	10.00	>2.0	1,000	N	N	N	200	300	100	N
SH04207A	44 23 4	71 8 39	80	.70	.20	15.00	>2.0	5,000	N	N	N	50	500	200	N
SH04211A	44 23 18	71 11 27	80	.20	.05	3.00	>2.0	700	N	N	N	N	150	2	N
SH04213A	44 23 3	71 13 15	80	.70	.20	20.00	>2.0	2,000	N	N	N	100	500	2	N
SH04216A	44 21 35	71 14 45	80	1.00	.50	2.00	2.0	500	N	N	N	150	500	200	100
SH04220A	44 19 50	71 13 53	80	2.00	.50	3.00	>2.0	700	N	N	N	200	700	150	N
SH04222A	44 19 23	71 13 0	80	1.00	.50	20.00	>2.0	5,000	N	N	N	1,000	700	10	N
SH04224A	44 16 3	71 14 5	80	3.00	1.00	10.00	>2.0	2,000	N	N	N	2,000	700	20	<20
SH04229A	44 20 24	71 12 50	80	1.00	.30	10.00	>2.0	2,000	N	N	N	100	700	7	N
SH04232A	44 18 30	71 13 13	80	3.00	1.00	15.00	>2.0	3,000	N	N	N	2,000	700	5	N
SH04243A	44 16 38	71 2 4	80	.70	.20	15.00	>2.0	3,000	N	N	N	300	500	3	<20
SH04244A	44 16 44	71 2 21	80	1.00	.30	15.00	>2.0	3,000	N	N	N	1,000	300	200	N
SH04247A	44 16 8	71 1 35	80	1.00	.50	15.00	>2.0	1,500	N	N	N	100	700	N	200
SH04251A	44 19 24	71 4 8	80	.70	.15	7.00	>2.0	2,000	N	N	N	150	500	200	>2,000
SH04252A	44 19 20	71 4 15	80	2.00	.50	7.00	>2.0	3,000	N	N	N	100	700	300	N
SH04257A	44 16 16	71 7 36	80	.70	.30	10.00	>2.0	2,000	N	N	N	1,500	700	1,000	N
SH04259A	44 16 18	71 7 41	80	1.00	.50	2.00	>2.0	1,500	N	N	N	2,000	1,000	5	N
SH04262A	44 15 27	71 7 1	80	1.00	.20	3.00	>2.0	1,000	N	N	N	1,500	700	10	N
SH04271A	44 14 20	71 2 14	80	.70	.50	15.00	>2.0	2,000	N	N	N	1,000	700	1,500	20
SH04272A	44 14 23	71 2 14	80	1.00	.30	15.00	>2.0	2,000	N	N	N	500	700	20	N
SH04274A	44 14 4	71 1 32	80	.50	.30	10.00	>2.0	3,000	N	N	N	300	1,000	10	N
SH04275A	44 14 1	71 1 29	80	1.50	.50	5.00	1.5	1,000	N	N	N	700	700	100	N
SH04278A	44 15 1	71 1 47	80	1.00	.20	10.00	>2.0	5,000	N	N	N	150	700	200	N
SH04283A	44 9 34	71 1 14	80	1.50	.50	5.00	>2.0	2,000	N	N	N	500	500	7	N
SH04285A	44 9 29	71 1 40	80	1.00	.20	5.00	2.0	1,500	N	N	N	200	300	150	N
SH04286A	44 9 29	71 2 15	80	2.00	.50	10.00	>2.0	7,000	N	N	N	1,000	700	70	N
SH04288A	44 11 33	71 7 57	80	2.00	1.00	3.00	>2.0	1,500	N	N	N	3,000	1,000	10	N
SH04291A	44 12 32	71 7 51	80	1.50	1.00	3.00	>2.0	1,500	N	N	N	3,000	700	5	N
SH04292A	44 8 55	71 12 38	80	1.50	.50	5.00	>2.0	1,500	N	N	N	1,500	700	150	N
SH04294A	44 9 25	71 12 45	80	.70	.30	2.00	>2.0	1,000	N	N	N	300	500	20	N
SH04305A	44 12 44	71 28 31	80	2.00	1.00	5.00	>2.0	1,500	N	N	N	150	700	7	N
SH04306A	44 13 28	71 28 48	80	2.00	.50	5.00	>2.0	1,500	N	N	N	200	700	200	N
SH04317A	44 26 58	71 31 17	80	.70	.20	3.00	>2.0	500	N	N	N	100	700	N	N
SH04321A	44 25 44	71 31 50	80	1.50	1.00	15.00	>2.0	1,500	N	N	N	N	700	N	N
SH04326A	44 27 16	71 32 11	80	1.50	.70	15.00	>2.0	1,000	N	N	N	70	700	<2	N
SH04328A	44 28 34	71 35 16	80	2.00	1.00	15.00	>2.0	3,000	N	N	N	200	1,000	2	N
SH04330A	44 28 18	71 36 20	80	1.50	.50	15.00	>2.0	1,000	N	N	N	150	500	3	N
SH04334A	44 25 11	71 38 29	80	3.00	2.00	15.00	>2.0	3,000	N	N	N	300	1,000	<2	N
SH04338A	44 21 17	71 32 39	80	1.00	.50	15.00	>2.0	2,000	N	N	N	70	1,000	2	N
SH04356A	44 18 46	71 32 37	80	1.00	.50	5.00	>2.0	700	N	N	N	150	500	5	150
SH04357A	44 19 10	71 33 26	80	.70	.20	2.00	>2.0	1,000	N	N	N	70	500	2	N
SH04366A	44 21 38	71 48 5	80	1.50	2.00	10.00	>2.0	1,000	N	N	N	200	300	200	N
SH04372A	44 16 32	71 50 45	80	3.00	2.00	15.00	>2.0	1,500	N	N	N	200	700	10	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH04174A	10	200	N	1,500	30	300	N	50	N	N	150	200	N	300	N	700
SH04177A	30	200	<10	1,000	70	500	N	50	N	N	70	500	300	300	<100	500
SH04178A	N	200	10	300	10	150	N	70	N	N	50	500	N	300	300	200
SH04179A	N	100	N	150	10	150	N	30	N	N	100	500	N	300	500	100
SH04183A	50	150	100	500	N	100	20	150	N	N	50	700	N	300	N	200
SH04186A	10	200	N	700	N	200	N	50	N	20	>2,000	200	500	200	N	500
SH04201A	N	70	N	300	N	50	N	30	N	N	500	N	500	150	N	1,000
SH04206A	N	100	N	700	N	100	N	70	N	N	500	N	1,000	100	N	2,000
SH04207A	10	150	10	500	N	150	N	30	N	N	150	N	700	150	100	1,000
SH04211A	N	50	N	300	N	50	N	300	N	N	2,000	N	300	N	N	1,000
SH04213A	N	100	<10	1,000	N	150	50	70	N	N	70	200	200	150	N	1,000
SH04216A	N	100	50	70	N	<50	N	20	N	N	N	N	N	200	N	150
SH04220A	10	100	10	150	N	70	N	70	N	N	30	<200	N	300	N	150
SH04222A	N	150	<10	700	N	500	N	70	N	N	20	300	N	300	1,000	300
SH04224A	N	150	<10	300	N	200	N	70	N	N	20	200	N	500	100	500
SH04229A	N	70	<10	1,000	N	50	N	70	N	N	70	300	N	300	N	300
SH04232A	10	150	<10	300	N	200	N	50	N	N	20	200	N	500	N	500
SH04243A	N	150	<10	100	N	150	N	70	N	N	1,500	N	200	150	N	1,000
SH04244A	N	100	<10	300	N	500	N	50	N	N	1,500	N	N	200	700	700
SH04247A	N	100	N	1,000	N	150	N	100	N	N	50	300	200	200	N	700
SH04251A	N	300	20	100	N	200	N	300	N	20	>2,000	N	700	500	100	500
SH04252A	10	200	20	70	N	300	N	50	N	20	2,000	N	N	500	N	200
SH04257A	N	200	N	200	N	500	N	70	N	N	70	N	N	500	N	500
SH04259A	N	150	N	300	N	500	N	30	N	N	50	N	N	500	N	100
SH04262A	N	100	N	100	N	200	N	50	N	N	30	N	N	500	N	200
SH04271A	N	200	<10	150	N	300	N	20	N	N	20	N	N	300	<100	300
SH04272A	20	200	N	100	N	200	N	20	N	N	>2,000	<200	N	300	N	150
SH04274A	N	200	10	150	N	200	N	30	N	N	2,000	N	N	300	N	300
SH04275A	N	200	10	150	N	70	N	30	N	N	>2,000	N	N	300	500	200
SH04278A	N	200	<10	300	N	200	N	50	N	N	500	N	N	300	N	200
SH04283A	N	150	100	2,000	N	70	N	1,500	1,000	N	>2,000	N	200	200	N	700
SH04285A	N	100	N	200	N	N	N	N	N	N	>2,000	N	200	150	N	700
SH04286A	N	150	N	150	N	50	N	70	N	20	>2,000	N	1,000	200	N	2,000
SH04288A	N	300	10	300	N	150	N	50	N	10	N	N	N	500	N	200
SH04291A	N	300	N	300	N	500	N	20	N	N	700	<200	N	500	N	200
SH04292A	N	300	<10	300	N	500	10	30	N	N	150	N	N	700	N	200
SH04294A	N	300	N	50	N	700	N	N	N	N	2,000	N	N	500	N	200
SH04305A	15	200	20	700	10	700	30	70	N	N	>2,000	500	300	200	500	500
SH04306A	N	200	<10	1,000	100	300	N	50	N	N	1,000	200	200	200	1,500	500
SH04317A	N	50	<10	1,000	N	50	N	50	N	15	100	N	1,000	200	N	>5,000
SH04321A	10	70	<10	2,000	N	300	N	30	N	N	50	500	N	300	N	500
SH04326A	30	150	30	700	20	100	N	1,000	N	N	700	1,000	N	500	100	200
SH04328A	20	100	20	1,500	20	300	10	50	N	N	70	1,500	N	500	100	300
SH04330A	70	300	20	1,000	10	200	N	70	N	N	70	500	N	150	N	500
SH04334A	15	200	20	700	N	200	N	100	N	N	50	1,000	N	200	N	300
SH04338A	N	50	10	2,000	N	150	N	70	N	N	N	700	N	150	N	500
SH04356A	N	150	10	500	N	50	N	700	N	N	>2,000	200	N	150	150	300
SH04357A	N	150	10	1,500	10	70	N	30	N	N	150	200	N	200	<100	1,000
SH04366A	<10	300	N	300	N	150	N	20	N	N	N	700	N	200	N	200
SH04372A	<10	200	10	200	N	100	N	50	N	20	N	1,000	N	300	N	150

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH04174A	N	>2,000
SH04177A	N	>2,000
SH04178A	N	>2,000
SH04179A	N	>2,000
SH04183A	N	>2,000
SH04186A	N	>2,000
SH04201A	N	>2,000
SH04206A	N	>2,000
SH04207A	N	>2,000
SH04211A	N	>2,000
SH04213A	N	>2,000
SH04216A	N	>2,000
SH04220A	N	>2,000
SH04222A	N	>2,000
SH04224A	N	>2,000
SH04229A	N	>2,000
SH04232A	N	>2,000
SH04243A	N	>2,000
SH04244A	N	>2,000
SH04247A	N	>2,000
SH04251A	N	>2,000
SH04252A	N	>2,000
SH04257A	N	>2,000
SH04259A	N	>2,000
SH04262A	N	>2,000
SH04271A	N	>2,000
SH04272A	N	>2,000
SH04274A	N	>2,000
SH04275A	N	>2,000
SH04278A	N	>2,000
SH04283A	N	>2,000
SH04285A	N	>2,000
SH04286A	N	>2,000
SH04288A	N	2,000
SH04291A	N	>2,000
SH04292A	N	>2,000
SH04294A	N	>2,000
SH04305A	N	>2,000
SH04306A	N	>2,000
SH04317A	N	>2,000
SH04321A	N	>2,000
SH04326A	N	>2,000
SH04328A	N	>2,000
SH04330A	N	>2,000
SH04334A	N	>2,000
SH04338A	N	>2,000
SH04356A	N	>2,000
SH04357A	N	>2,000
SH04366A	N	2,000
SH04372A	N	2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH04377A	44 15 21	71 51 1	80	2.00	.70	10.00	>2.0	1,000	N	N	N	200	700	5	200
SH04379A	44 13 48	71 28 10	80	2.00	.20	3.00	>2.0	1,000	N	N	N	20	700	5	N
SH04381A	43 55 58	71 18 18	80	.50	.05	.50	1.5	500	N	N	N	N	70	20	N
SH04382A	43 55 57	71 18 23	80	.70	.05	.30	1.5	700	N	N	N	150	70	50	N
SH04384A	43 56 32	71 18 18	80	.50	<.05	.20	.7	500	N	N	N	N	N	100	N
SH04389A	43 55 34	71 18 19	80	.50	<.05	1.00	1.5	500	N	N	N	N	N	200	N
SH04393A	43 55 54	71 19 52	80	1.00	<.05	.30	2.0	700	N	N	N	N	200	300	N
SH04396A	43 55 2	71 21 2	80	.70	.05	.50	>2.0	700	N	N	N	70	100	150	N
SH04397A	43 55 4	71 21 21	80	1.00	.05	.50	2.0	700	N	N	N	N	150	10	N
SH04404A	44 23 9	71 24 55	80	2.00	1.50	20.00	>2.0	2,000	N	N	N	200	700	N	N
SH04406A	44 23 34	71 24 8	80	1.50	.50	15.00	>2.0	1,000	N	N	N	50	700	N	200
SH04414A	44 23 41	71 23 14	80	5.00	2.00	15.00	>2.0	3,000	N	N	N	300	500	2	N
SH04416A	44 23 35	71 22 39	80	5.00	2.00	15.00	>2.0	1,500	N	N	N	100	700	2	N
SH04418A	44 24 10	71 21 33	80	.50	.15	7.00	>2.0	2,000	N	N	N	150	200	<2	N
SH04420A	44 24 12	71 21 23	80	.70	.15	10.00	>2.0	700	N	N	N	N	700	<2	N
SH04422A	44 24 6	71 21 18	80	.50	.10	15.00	>2.0	700	N	N	N	N	300	<2	N
SH04423A	44 24 21	71 20 25	80	.50	.10	15.00	>2.0	2,000	N	N	N	N	200	<2	N
SH04426A	44 12 35	71 17 38	80	.70	.15	2.00	>2.0	1,000	N	N	N	300	1,000	7	N
SH04427A	44 12 44	71 17 30	80	1.00	.20	1.00	>2.0	700	N	N	N	700	700	2	N
SH04432A	44 10 50	71 17 37	80	1.50	.20	15.00	>2.0	2,000	N	N	N	2,000	700	10	N
SH04433A	44 10 54	71 17 26	80	30.00	.15	15.00	>2.0	1,000	N	3,000	N	300	700	200	N
SH04434A	44 9 47	71 17 26	80	1.00	.20	10.00	>2.0	2,000	N	N	N	1,000	700	2	N
SH04436A	44 8 59	71 17 6	80	1.00	.20	3.00	>2.0	3,000	N	N	N	1,000	700	10	N
SH04437A	44 9 3	71 17 4	80	.70	.15	7.00	>2.0	700	N	N	N	150	500	3	N
SH04438A	44 8 34	71 16 35	80	.70	.15	7.00	>2.0	1,500	N	N	N	700	500	15	N
SH04505A	44 17 27	71 12 30	80	.70	.20	15.00	>2.0	5,000	N	N	N	500	700	200	N
SH04509A	44 18 4	71 13 16	80	.70	.50	20.00	>2.0	5,000	N	N	N	1,000	700	100	N
SH04519A	44 19 20	71 1 19	80	2.00	.50	10.00	>2.0	2,000	N	N	N	300	500	3	N
SH04521A	44 19 32	71 2 2	80	.70	.20	15.00	>2.0	5,000	N	N	N	150	700	200	200
SH04523A	44 13 2	71 11 12	80	1.00	.70	3.00	>2.0	1,000	N	N	N	5,000	500	300	N
SH04529A	44 14 29	71 11 12	80	1.00	.70	20.00	>2.0	5,000	N	N	N	5,000	500	10	N
SH04530A	44 14 10	71 11 19	80	.70	.50	5.00	>2.0	3,000	N	N	N	2,000	300	5	N
SH04533A	44 13 50	71 11 11	80	1.50	1.00	3.00	>2.0	1,500	N	N	N	3,000	700	10	N
SH04602A	44 17 37	71 14 14	80	1.00	.15	3.00	2.0	1,000	N	N	N	200	300	300	N
SH04605A	44 17 53	71 14 33	80	1.50	.20	2.00	>2.0	500	N	N	N	200	300	500	N
SH04611A	44 18 21	71 14 11	80	2.00	.70	2.00	2.0	700	N	N	N	300	700	700	N
SH04615A	44 20 24	71 9 34	80	.50	.20	30.00	>2.0	5,000	N	N	N	200	500	7	N
SH04622A	44 21 38	71 10 43	80	1.00	.20	15.00	>2.0	5,000	N	5,000	N	200	500	5	N
SH04626A	44 21 59	71 10 27	80	.30	.05	20.00	>2.0	5,000	N	N	N	N	100	10	50
SH04629A	44 21 13	71 11 51	80	.70	.20	15.00	>2.0	1,500	N	N	N	70	300	5	N
SH04634A	44 20 31	71 12 2	80	.50	.15	15.00	>2.0	2,000	N	N	N	200	300	50	N
SH04637A	44 22 22	71 10 48	80	.20	.05	5.00	>2.0	1,000	N	N	N	N	150	<2	20
SH04703A	44 14 4	71 55 4	80	3.00	1.00	10.00	>2.0	1,000	N	N	N	150	700	5	N
SH04710A	43 54 1	71 27 56	80	1.50	.50	2.00	>2.0	1,000	N	500	N	100	700	100	30
SH04711A	43 54 14	71 27 37	80	2.00	.70	7.00	2.0	1,500	N	N	N	150	700	10	N
SH04712A	43 54 15	71 27 45	80	1.00	.15	20.00	>2.0	1,000	N	N	N	70	200	150	N
SH04726A	43 51 30	71 29 49	80	2.00	5.00	15.00	>2.0	5,000	N	N	N	1,500	300	20	N
SH04735A	43 53 13	71 26 18	80	1.00	.30	7.00	>2.0	1,000	N	N	N	1,000	700	10	N
SH04741A	43 52 15	71 28 57	80	5.00	2.00	5.00	>2.0	10,000	N	N	N	3,000	700	5	N
SH04745A	44 28 46	71 6 9	80	5.00	2.00	10.00	2.0	3,000	N	N	N	500	300	10	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH04377A	10	200	20	1,000	15	300	N	50	N	15	20	300	N	300	N	500
SH04379A	N	70	10	1,000	10	200	N	20	N	N	>2,000	200	500	150	N	700
SH04381A	N	20	10	500	N	300	N	70	N	20	>2,000	N	1,000	N	N	500
SH04382A	10	N	N	1,000	N	700	N	150	N	N	>2,000	N	1,000	N	N	1,000
SH04384A	N	N	<10	100	N	300	N	70	N	N	>2,000	N	1,500	N	N	1,000
SH04389A	N	N	N	1,000	N	700	N	100	N	N	>2,000	N	1,000	N	N	1,000
SH04393A	15	N	<10	>2,000	N	1,000	N	200	N	10	>2,000	N	2,000	100	N	2,000
SH04396A	N	N	N	>2,000	N	150	N	70	N	N	2,000	N	1,000	20	N	1,000
SH04397A	N	N	N	2,000	N	300	N	100	N	N	2,000	N	2,000	20	N	2,000
SH04404A	10	150	N	1,500	10	200	10	50	N	N	20	1,000	N	300	N	500
SH04406A	10	150	N	1,000	N	100	N	30	N	N	N	700	N	300	N	500
SH04414A	20	200	N	1,000	N	100	50	20	N	100	N	1,000	<200	300	N	300
SH04416A	50	200	10	1,000	N	100	70	20	N	100	N	1,500	N	500	N	200
SH04418A	N	200	N	2,000	30	200	N	70	N	N	300	200	500	300	N	500
SH04420A	N	50	N	2,000	30	50	N	30	N	N	200	200	500	200	N	700
SH04422A	N	20	N	1,500	N	50	N	20	N	N	100	300	200	200	N	500
SH04423A	N	30	N	2,000	30	200	N	70	N	N	150	200	<200	300	N	500
SH04426A	N	150	N	200	N	500	N	50	N	N	200	N	N	700	<100	200
SH04427A	10	200	10	300	N	1,000	N	20	N	N	500	N	N	1,000	<100	100
SH04432A	30	150	200	700	N	150	15	70	N	N	>2,000	200	N	500	100	300
SH04433A	100	70	200	300	N	300	100	70	N	N	500	200	N	500	500	500
SH04434A	N	150	15	500	N	200	N	30	N	N	>2,000	200	300	500	300	500
SH04436A	10	70	10	200	N	100	N	100	N	N	>2,000	<200	300	500	N	500
SH04437A	N	150	10	500	N	200	N	20	N	N	>2,000	N	300	500	300	700
SH04438A	N	100	10	300	N	50	N	50	N	N	>2,000	N	500	200	<100	1,000
SH04505A	N	200	<10	200	N	500	N	50	N	N	30	200	N	500	N	500
SH04509A	N	300	<10	300	N	700	N	70	N	N	70	300	N	500	<100	200
SH04519A	15	200	15	500	N	500	N	30	N	N	50	N	N	200	N	500
SH04521A	N	300	<10	500	N	300	N	50	N	N	100	N	N	500	N	500
SH04523A	N	150	N	100	N	700	N	30	N	N	50	N	N	500	2,000	100
SH04529A	N	100	N	200	N	300	N	50	N	N	20	200	N	300	2,000	200
SH04530A	N	300	N	100	N	200	N	50	N	N	150	N	N	300	N	150
SH04533A	N	150	N	N	N	300	N	50	N	N	100	N	N	500	N	100
SH04602A	N	200	N	200	N	70	N	50	N	N	150	N	N	200	700	200
SH04605A	<10	200	N	50	N	50	N	30	N	N	2,000	N	N	200	N	100
SH04611A	10	300	N	150	N	70	N	50	N	N	50	<200	N	300	N	150
SH04615A	N	150	<10	500	N	70	N	200	N	N	500	200	N	150	100	700
SH04622A	N	150	N	500	N	150	N	70	N	70	200	N	500	150	300	700
SH04626A	N	50	N	1,000	N	N	N	30	N	N	1,500	N	300	<20	N	1,500
SH04629A	N	100	<10	1,500	N	200	N	70	N	N	70	300	<200	200	100	500
SH04634A	N	70	N	500	N	70	N	30	N	N	70	N	N	150	N	500
SH04637A	N	N	N	500	N	50	N	50	N	70	1,000	N	200	70	N	1,000
SH04703A	20	150	200	500	N	150	N	100	N	N	N	300	N	300	100	200
SH04710A	70	300	N	300	N	100	70	70	N	N	100	N	N	300	700	150
SH04711A	N	300	70	700	150	150	N	70	N	N	>2,000	200	<200	300	500	300
SH04712A	10	200	50	1,500	N	200	N	70	N	N	>2,000	N	1,000	200	300	700
SH04726A	15	200	N	1,000	N	300	N	30	N	70	2,000	N	300	300	700	300
SH04735A	N	300	10	1,500	N	200	N	50	N	N	1,500	200	N	300	100	300
SH04741A	15	200	50	>2,000	N	300	N	70	N	30	1,000	N	1,000	300	500	500
SH04745A	30	150	100	300	N	200	50	30	N	50	50	200	N	500	<100	100

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH04377A	N	>2,000
SH04379A	N	>2,000
SH04381A	N	>2,000
SH04382A	N	>2,000
SH04384A	N	>2,000
SH04389A	N	>2,000
SH04393A	N	>2,000
SH04396A	N	>2,000
SH04397A	N	>2,000
SH04404A	N	>2,000
SH04406A	N	>2,000
SH04414A	N	>2,000
SH04416A	N	>2,000
SH04418A	N	>2,000
SH04420A	N	>2,000
SH04422A	N	>2,000
SH04423A	N	>2,000
SH04426A	N	>2,000
SH04427A	N	>2,000
SH04432A	N	>2,000
SH04433A	N	>2,000
SH04434A	N	>2,000
SH04436A	N	>2,000
SH04437A	N	>2,000
SH04438A	N	>2,000
SH04505A	N	>2,000
SH04509A	N	>2,000
SH04519A	N	>2,000
SH04521A	N	>2,000
SH04523A	N	>2,000
SH04529A	N	>2,000
SH04530A	N	>2,000
SH04533A	N	>2,000
SH04602A	N	>2,000
SH04605A	N	>2,000
SH04611A	N	2,000
SH04615A	N	>2,000
SH04622A	N	>2,000
SH04626A	N	>2,000
SH04629A	N	>2,000
SH04634A	N	>2,000
SH04637A	N	>2,000
SH04703A	N	>2,000
SH04710A	N	2,000
SH04711A	N	>2,000
SH04712A	N	>2,000
SH04726A	N	>2,000
SH04735A	N	>2,000
SH04741A	N	>2,000
SH04745A	N	2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH04748A	44 29 4	71 4 35	80	7.00	2.00	10.00	2.0	3,000	N	N	N	300	150	2	N
SH04750A	44 21 57	71 16 8	80	2.00	.30	5.00	>2.0	1,000	N	N	N	500	700	15	30
SH04754A	44 23 12	71 17 45	80	.70	.15	10.00	>2.0	1,000	N	N	N	70	150	2	150
SH04756A	44 23 9	71 17 58	80	.70	.15	15.00	>2.0	700	N	N	N	70	300	<2	N
SH04763A	44 18 12	71 17 21	80	1.00	.30	15.00	>2.0	1,500	N	N	N	2,000	700	15	N
SH04764A	44 18 17	71 17 18	80	1.50	.50	2.00	>2.0	700	N	N	N	700	700	15	N
SH04767A	44 18 21	71 15 45	80	1.50	.20	1.00	>2.0	700	N	N	N	1,500	700	20	N
SH04773A	44 17 51	71 15 35	80	1.00	.20	3.00	>2.0	700	N	N	N	2,000	700	20	N
SH04810A	43 57 39	71 21 0	80	.50	.10	.50	2.0	700	N	N	N	N	100	200	N
SH04812A	43 58 2	71 20 57	80	2.00	.20	2.00	>2.0	1,500	N	N	N	N	500	150	N
SH04815A	43 58 39	71 20 33	80	1.00	.05	2.00	1.5	700	N	N	N	50	150	150	N
SH04821A	44 1 3	71 23 26	80	3.00	.50	3.00	>2.0	1,500	N	N	N	150	100	15	N
SH04826A	44 7 23	71 7 48	80	2.00	.70	3.00	2.0	1,000	N	N	N	1,500	700	15	N
SH04827A	44 7 14	71 7 48	80	2.00	.50	3.00	2.0	1,000	N	N	N	1,000	500	200	N
SH04831A	44 5 13	71 7 58	80	1.50	.30	3.00	>2.0	1,000	N	N	N	700	700	50	N
SH04839A	44 3 31	71 16 18	80	1.50	.30	3.00	>2.0	1,000	N	N	N	300	500	10	N
SH04842A	44 2 33	71 16 27	80	2.00	.70	1.50	>2.0	1,000	N	N	N	1,000	300	10	N
SH04843A	44 2 31	71 16 34	80	.70	.20	2.00	>2.0	500	N	N	N	N	300	50	N
SH04845A	44 3 18	71 17 2	80	2.00	.30	2.00	>2.0	1,000	N	N	N	N	500	10	N
SH04847A	44 3 29	71 17 33	80	1.00	.15	2.00	2.0	700	N	N	N	500	500	100	N
SH04867A	44 3 32	71 26 52	80	.70	<.05	.20	.7	500	N	N	N	N	N	20	N
SH04868A	44 3 37	71 26 54	80	1.00	<.05	.30	1.0	700	N	N	N	N	N	200	N
SH04869A	44 3 35	71 26 5	80	3.00	.50	2.00	2.0	700	N	<500	N	50	200	20	N
SH04873A	44 2 55	71 25 9	80	.50	.15	.50	1.5	500	N	N	N	N	50	5	N
SH04879A	44 4 46	71 24 42	80	2.00	.50	3.00	>2.0	1,000	N	N	N	50	300	50	N
SH04880A	44 4 33	71 23 53	80	3.00	1.00	15.00	>2.0	1,500	N	N	N	1,500	700	30	N
SH04882A	44 4 15	71 23 12	80	2.00	1.00	10.00	>2.0	1,500	N	N	N	5,000	300	200	N
SH04884A	44 3 27	71 23 53	80	1.00	.20	3.00	>2.0	1,000	N	N	N	500	500	100	N
SH04885A	44 3 35	71 23 43	80	.70	.10	2.00	>2.0	700	N	N	N	100	200	200	N
SH04892A	44 6 21	71 21 14	80	1.50	.50	5.00	>2.0	1,500	N	N	N	1,500	700	7	N
SH04893A	44 6 41	71 21 52	80	2.00	.20	3.00	>2.0	1,500	N	N	N	100	500	5	N
SH04894A	44 6 44	71 21 49	80	3.00	.20	3.00	>2.0	2,000	N	N	N	500	700	10	N
SH04897A	44 8 7	71 22 2	80	2.00	.15	2.00	2.0	1,500	N	N	N	20	200	500	N
SH04899A	44 7 19	71 20 54	80	2.00	.70	5.00	>2.0	1,500	N	N	N	200	700	300	N
SH04902A	44 8 45	71 22 2	80	5.00	.50	2.00	>2.0	3,000	N	N	N	300	300	50	N
SH04903A	44 8 30	71 21 32	80	1.50	.30	15.00	>2.0	1,000	N	N	N	100	300	50	N
SH04904A	44 10 5	71 22 43	80	5.00	.70	7.00	>2.0	2,000	N	N	N	1,500	700	200	N
SH04905A	44 9 41	71 23 35	80	3.00	.50	2.00	2.0	1,000	N	N	N	300	300	20	N
SH04906A	44 9 41	71 23 30	80	2.00	.70	15.00	>2.0	1,500	N	N	N	150	700	5	N
SH04907A	44 13 42	71 25 19	80	1.50	.50	10.00	>2.0	1,000	N	N	N	100	700	200	20
SH04909A	44 14 20	71 25 42	80	7.00	2.00	15.00	>2.0	2,000	N	N	N	300	1,000	10	N
SH04910A	44 19 54	71 22 12	80	1.00	.20	15.00	>2.0	1,500	N	N	N	150	500	N	20
SH04918A	44 20 49	71 20 29	80	2.00	.15	1.50	2.0	1,000	N	N	N	200	200	2	N
SH04919A	44 20 47	71 20 31	80	2.00	.50	5.00	2.0	1,000	N	N	N	200	1,000	20	N
SH04921A	44 17 37	71 20 25	80	2.00	.50	5.00	>2.0	1,000	N	N	N	500	700	20	N
SH04922A	44 17 41	71 20 27	80	3.00	.50	15.00	>2.0	2,000	N	N	N	1,500	700	10	300
SH04926A	44 16 38	71 21 19	80	3.00	.50	20.00	>2.0	2,000	N	N	N	1,000	700	20	150
SH04927A	44 16 6	71 22 34	80	2.00	.70	3.00	>2.0	1,000	N	N	N	1,500	700	150	50
SH04930A	44 16 14	71 20 54	80	2.00	.50	5.00	>2.0	1,000	N	N	N	700	700	20	N
SH04931A	44 16 2	71 21 19	80	1.50	.70	15.00	>2.0	1,000	N	N	N	200	700	30	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH04748A	50	200	<10	>2,000	N	100	70	70	N	30	500	N	2,000	300	100	500
SH04750A	<10	100	<10	1,000	N	150	N	100	N	N	70	<200	<200	300	N	200
SH04754A	10	70	10	2,000	N	150	N	100	N	50	70	200	500	300	N	500
SH04756A	N	70	N	1,500	N	50	N	20	N	N	20	300	200	200	N	500
SH04763A	N	200	30	1,000	N	150	N	50	N	N	100	700	N	700	N	300
SH04764A	N	100	<10	100	N	100	20	50	N	N	<20	200	N	700	N	100
SH04767A	N	150	20	200	N	70	N	20	N	N	N	N	N	300	N	100
SH04772A	N	150	<10	300	N	100	N	30	N	N	150	200	200	300	N	150
SH04810A	N	100	10	2,000	N	150	N	30	N	N	2,000	N	700	N	100	300
SH04812A	N	150	10	2,000	10	200	N	70	N	30	50	N	500	100	N	1,000
SH04815A	N	N	N	500	N	200	N	30	N	N	>2,000	N	200	N	N	500
SH04821A	N	20	<10	1,000	10	200	N	50	N	N	2,000	N	1,000	70	N	2,000
SH04826A	N	200	<10	100	N	150	N	50	N	N	100	N	700	300	N	500
SH04827A	N	150	N	100	N	100	N	20	N	N	70	N	N	200	N	300
SH04831A	N	150	N	200	N	200	N	50	N	N	500	N	N	200	N	500
SH04839A	N	50	N	500	N	200	N	50	N	N	2,000	N	200	150	N	1,000
SH04842A	15	70	N	>2,000	N	200	N	70	N	N	2,000	N	700	100	N	2,000
SH04843A	N	20	N	2,000	N	500	N	100	N	20	300	N	1,000	150	N	2,000
SH04845A	N	100	N	2,000	N	500	N	100	N	10	20	N	500	100	N	700
SH04847A	N	50	N	1,000	N	300	N	150	N	15	1,000	N	1,000	100	N	3,000
SH04867A	N	N	N	100	N	300	N	70	N	N	2,000	N	700	N	<100	100
SH04868A	N	N	N	700	N	500	N	70	N	N	>2,000	N	N	N	N	200
SH04869A	N	50	50	2,000	N	300	N	150	N	N	>2,000	N	2,000	100	N	3,000
SH04873A	N	N	N	1,000	N	500	N	50	N	N	>2,000	N	500	N	200	500
SH04879A	N	100	N	2,000	N	150	N	70	N	30	>2,000	N	500	100	100	1,500
SH04880A	15	150	30	2,000	10	300	30	300	N	N	500	200	500	150	N	700
SH04882A	<10	150	10	2,000	50	200	20	200	N	N	2,000	N	700	200	N	1,000
SH04884A	N	150	N	2,000	N	200	N	100	N	N	1,000	N	300	150	N	1,500
SH04885A	N	150	N	1,000	N	150	N	70	N	N	>2,000	N	700	50	N	1,000
SH04892A	<10	300	N	1,000	N	500	N	100	N	N	>2,000	<200	200	200	N	1,000
SH04893A	N	150	<10	1,500	10	200	N	500	N	30	2,000	N	1,000	100	N	2,000
SH04894A	<10	150	200	1,500	N	300	N	200	N	N	>2,000	N	700	100	N	1,500
SH04897A	N	70	N	2,000	N	200	N	700	N	20	>2,000	N	1,500	70	N	3,000
SH04899A	10	200	N	1,500	N	200	N	70	N	N	>2,000	300	500	150	N	1,500
SH04902A	N	70	N	>2,000	<10	700	N	100	N	30	>2,000	N	1,000	100	N	>5,000
SH04903A	N	100	N	1,500	N	150	N	150	N	N	>2,000	N	700	150	N	1,000
SH04904A	10	200	50	2,000	N	700	N	70	N	N	70	200	1,000	300	N	700
SH04905A	N	100	N	1,000	N	500	10	50	N	N	300	200	500	150	N	500
SH04906A	10	150	<10	1,000	N	150	N	50	N	N	100	500	N	300	N	500
SH04907A	N	100	N	2,000	20	200	N	70	N	N	>2,000	500	500	150	N	700
SH04909A	15	150	30	1,000	10	300	50	50	N	30	1,500	1,500	300	200	N	200
SH04910A	10	100	N	2,000	N	200	N	70	N	N	150	500	500	200	N	700
SH04918A	N	150	N	1,000	N	300	N	70	N	N	>2,000	N	500	150	N	2,000
SH04919A	10	300	<10	500	N	70	15	70	N	N	N	200	N	300	200	300
SH04921A	10	150	10	300	N	100	N	50	N	N	N	N	N	300	150	200
SH04922A	<10	100	10	1,000	N	150	N	70	N	15	N	300	N	300	N	700
SH04926A	N	150	15	1,500	N	150	N	70	N	20	20	500	N	300	N	1,000
SH04927A	10	150	10	200	N	100	10	30	N	N	N	<200	N	200	N	200
SH04930A	<10	300	70	200	N	100	10	70	N	N	50	200	N	300	N	150
SH04931A	<10	200	N	500	N	300	N	70	N	N	100	200	N	200	N	300

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH04748A	700	>2,000
SH04750A	N	>2,000
SH04754A	N	>2,000
SH04756A	N	>2,000
SH04763A	N	>2,000
SH04764A	N	2,000
SH04767A	N	>2,000
SH04772A	N	>2,000
SH04810A	N	>2,000
SH04812A	N	>2,000
SH04815A	N	>2,000
SH04821A	N	>2,000
SH04826A	N	>2,000
SH04827A	N	>2,000
SH04831A	N	>2,000
SH04839A	N	>2,000
SH04842A	N	>2,000
SH04843A	N	>2,000
SH04845A	N	>2,000
SH04847A	N	>2,000
SH04867A	N	>2,000
SH04868A	N	>2,000
SH04869A	20,000	>2,000
SH04873A	N	>2,000
SH04879A	N	>2,000
SH04880A	1,000	>2,000
SH04882A	N	>2,000
SH04884A	N	>2,000
SH04885A	N	>2,000
SH04892A	N	>2,000
SH04893A	N	>2,000
SH04894A	N	>2,000
SH04897A	N	>2,000
SH04899A	N	>2,000
SH04902A	N	>2,000
SH04903A	N	>2,000
SH04904A	N	>2,000
SH04905A	N	>2,000
SH04906A	N	>2,000
SH04907A	N	>2,000
SH04909A	N	>2,000
SH04910A	N	>2,000
SH04918A	N	>2,000
SH04919A	N	>2,000
SH04921A	N	>2,000
SH04922A	N	>2,000
SH04926A	N	>2,000
SH04927A	N	>2,000
SH04930A	N	>2,000
SH04931A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH04934A	44 15 19	71 23 15	80	.50	.50	10.00	>2.0	1,500	N	N	N	2,000	500	2	N
SH04935A	44 15 42	71 22 57	80	1.50	.30	15.00	>2.0	1,500	N	N	N	300	700	20	N
SH04936A	44 25 22	71 14 34	80	1.00	.30	15.00	>2.0	1,000	N	N	N	200	500	5	N
SH04937A	44 25 28	71 14 34	80	1.00	.10	10.00	>2.0	700	N	N	N	100	200	1,000	N
SH04938A	44 25 28	71 14 37	80	20.00	.15	10.00	>2.0	1,000	N	N	N	50	500	5	N
SH04941A	44 24 42	71 14 42	80	.70	.15	15.00	>2.0	1,000	N	N	N	N	300	2	N
SH04942A	44 24 13	71 15 1	80	1.00	.10	20.00	>2.0	1,000	N	N	N	N	200	7	N
SH04944A	44 24 11	71 14 53	80	1.00	.20	20.00	>2.0	2,000	N	N	N	50	300	2	N
SH04946A	44 29 49	71 13 32	80	3.00	2.00	15.00	>2.0	5,000	N	N	N	300	300	3	N
SH04948A	44 28 56	71 12 9	80	5.00	3.00	15.00	>2.0	5,000	N	N	N	100	5,000	5	N
SH04955A	44 28 58	71 8 41	80	5.00	5.00	15.00	>2.0	7,000	N	N	N	700	2,000	5	N
SH04960A	44 21 57	71 19 27	80	3.00	1.50	15.00	>2.0	3,000	N	N	N	200	1,000	2	N
SH04966A	44 21 53	71 15 8	80	3.00	2.00	15.00	>2.0	2,000	N	N	N	500	1,000	10	N
SH04968A	44 22 1	71 17 34	80	10.00	1.50	7.00	>2.0	1,500	N	N	N	2,000	1,000	30	N
SH04969A	44 21 7	71 18 0	80	1.00	.50	3.00	>2.0	1,000	N	N	N	200	700	150	30
SH04970A	44 21 1	71 18 11	80	10.00	1.50	7.00	>2.0	1,500	N	N	N	1,000	700	50	N
SH04975A	44 21 25	71 20 26	80	3.00	2.00	15.00	>2.0	3,000	N	N	N	150	700	5	100
SH04977A	44 25 37	71 11 25	80	5.00	3.00	15.00	>2.0	5,000	N	N	N	50	300	50	N
SH04980A	44 24 59	71 11 22	80	5.00	2.00	10.00	>2.0	7,000	N	N	N	100	200	2	150
SH04981A	44 24 6	71 11 13	80	5.00	2.00	15.00	>2.0	5,000	N	N	N	200	300	15	N
SH04982A	44 23 36	71 10 29	80	1.00	.15	15.00	>2.0	2,000	N	N	N	70	300	7	N
SH04984A	44 23 33	71 9 11	80	5.00	2.00	10.00	>2.0	5,000	N	N	N	150	500	20	N
SH04985A	44 23 44	71 8 0	80	1.00	.20	15.00	>2.0	3,000	N	N	N	100	200	150	N
SH05102A	44 43 31	71 26 18	80	1.00	1.00	3.00	>2.0	700	N	N	N	1,000	500	2	N
SH05103A	44 43 32	71 25 44	80	1.00	.15	5.00	>2.0	1,500	N	N	N	100	700	3	N
SH05104A	44 43 38	71 25 47	80	1.00	.15	7.00	>2.0	1,500	N	N	N	300	700	5	100
SH05110A	44 42 4	71 23 46	80	1.00	.20	15.00	>2.0	1,500	N	N	N	200	200	150	N
SH05115A	44 40 50	71 26 51	80	1.50	.70	7.00	>2.0	1,500	N	N	N	1,000	700	10	N
SH05116A	44 40 0	71 27 25	80	5.00	.15	1.00	>2.0	500	N	N	N	300	300	2	N
SH05117A	44 38 31	71 27 57	80	1.00	.50	5.00	>2.0	1,500	N	N	N	700	500	5	N
SH05127A	44 42 47	71 18 38	80	2.00	.50	7.00	>2.0	1,500	N	N	N	1,000	2,000	5	N
SH05128A	44 39 13	71 19 47	80	1.00	.15	10.00	>2.0	1,500	N	N	N	200	700	5	N
SH05129A	44 38 16	71 19 56	80	.70	.20	10.00	>2.0	1,000	N	N	N	500	300	10	N
SH05135A	44 38 11	71 24 18	80	1.00	.15	1.00	>2.0	1,500	N	N	N	200	500	7	70
SH05143A	44 44 42	71 35 28	80	2.00	.20	10.00	>2.0	1,000	N	N	N	2,000	300	3	N
SH05144A	44 44 49	71 35 35	80	3.00	1.50	10.00	>2.0	2,000	N	N	N	5,000	200	100	N
SH05148A	44 43 12	71 35 48	80	2.00	1.00	15.00	>2.0	1,500	N	N	N	2,000	300	5	70
SH05150A	44 41 35	71 35 14	80	1.50	.20	7.00	>2.0	1,500	N	N	N	1,500	300	5	150
SH05152A	44 40 58	71 33 33	80	1.50	.70	5.00	>2.0	2,000	N	N	N	1,000	300	150	N
SH05153A	44 43 53	71 30 30	80	.50	.10	2.00	>2.0	1,000	N	N	N	700	200	5	N
SH05154A	44 43 42	71 30 28	80	2.00	1.50	15.00	>2.0	2,000	N	N	N	2,000	300	3	N
SH05156A	44 42 30	71 30 15	80	1.00	.15	3.00	>2.0	1,500	N	N	N	1,500	200	2	N
SH05163A	44 38 45	71 32 33	80	2.00	.30	5.00	>2.0	1,500	N	N	N	500	200	10	N
SH05171A	44 31 25	71 34 26	80	.50	.15	10.00	>2.0	700	N	N	N	300	300	5	N
SH05177A	44 33 8	71 25 3	80	.70	.15	3.00	>2.0	700	N	N	N	150	150	N	N
SH05178A	44 33 9	71 25 4	80	.70	.10	1.00	>2.0	1,000	N	N	N	100	150	2	N
SH05180A	44 33 8	71 24 40	80	.70	.10	1.00	>2.0	700	N	N	N	100	200	2	N
SH05182A	44 33 44	71 23 41	80	2.00	.20	5.00	>2.0	2,000	N	N	N	100	150	5	N
SH05183A	44 33 38	71 23 49	80	1.00	.20	5.00	>2.0	1,000	N	N	N	100	200	<2	N
SH05188A	44 30 34	71 20 17	80	1.50	.30	3.00	>2.0	1,000	N	N	N	N	150	7	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH04934A	15	300	N	500	N	1,000	N	50	N	N	70	N	N	500	100	500
SH04935A	20	150	150	1,000	N	300	N	70	N	N	200	300	N	200	N	700
SH04936A	N	150	N	1,000	<10	150	N	70	N	N	70	200	200	200	N	1,000
SH04937A	N	50	N	1,000	N	100	N	70	N	N	100	N	700	100	N	2,000
SH04938A	15	N	3,000	1,000	N	200	N	150	N	N	100	200	300	200	N	1,000
SH04941A	N	100	N	1,500	10	300	N	70	N	N	200	200	300	100	N	1,000
SH04942A	N	70	10	2,000	15	200	N	100	N	N	100	300	N	300	N	700
SH04944A	10	150	N	2,000	15	150	N	70	N	N	150	300	N	300	N	1,000
SH04946A	20	150	N	2,000	20	500	N	70	N	50	150	N	700	300	N	1,000
SH04948A	15	200	10	2,000	10	300	30	100	N	150	300	N	200	500	N	700
SH04955A	70	300	10	1,500	15	200	100	50	N	150	300	200	200	300	N	300
SH04960A	10	100	<10	1,000	10	200	50	30	N	30	N	2,000	N	300	N	200
SH04966A	15	200	15	700	N	150	50	50	N	30	N	700	N	300	N	200
SH04968A	70	150	50	500	N	150	50	70	N	30	50	500	N	300	N	100
SH04969A	15	200	10	700	N	150	N	70	N	20	50	200	N	500	<100	200
SH04970A	50	150	50	500	N	150	70	50	N	30	70	200	N	500	N	150
SH04975A	20	150	20	1,000	N	200	15	70	N	N	20	1,000	N	300	N	500
SH04977A	30	150	200	1,000	N	300	50	30	N	10	N	300	N	300	N	700
SH04980A	50	200	20	>2,000	N	300	30	70	N	20	300	200	1,000	200	N	500
SH04981A	50	200	150	2,000	N	300	30	70	N	20	700	300	500	200	N	500
SH04982A	<10	70	10	1,000	N	200	N	100	N	N	200	N	500	150	N	700
SH04984A	30	150	70	2,000	<10	500	50	70	N	15	500	200	700	200	N	500
SH04985A	N	70	N	1,000	N	150	N	30	N	N	50	200	N	200	N	700
SH05102A	10	300	N	700	N	70	N	20	N	N	70	<200	N	100	N	700
SH05103A	N	100	N	300	20	50	N	20	N	N	150	N	N	200	<100	1,000
SH05104A	N	150	N	1,000	20	70	N	30	N	N	300	N	N	150	N	1,000
SH05110A	10	150	<10	>2,000	30	150	N	1,000	N	N	2,000	N	N	200	N	1,000
SH05115A	N	300	N	500	70	500	N	30	N	N	200	N	<200	300	100	700
SH05116A	70	150	10	300	20	200	50	50	N	N	>2,000	N	200	150	<100	1,000
SH05117A	N	200	50	1,000	100	100	N	70	N	N	>2,000	N	500	100	100	1,000
SH05127A	20	300	N	500	N	200	N	70	N	N	70	200	N	300	100	300
SH05128A	<10	150	N	500	<10	150	N	70	N	N	300	N	N	200	N	700
SH05129A	N	200	<10	1,500	20	200	N	70	N	N	1,500	<200	500	200	<100	1,000
SH05135A	10	150	N	300	300	500	N	200	N	N	2,000	N	700	100	500	1,000
SH05143A	20	150	10	1,500	200	200	50	50	N	N	200	200	500	100	500	1,000
SH05144A	15	200	N	1,500	50	700	N	50	N	N	500	200	200	100	100	1,000
SH05148A	15	300	N	>2,000	200	200	N	100	N	N	2,000	<200	700	200	300	700
SH05150A	10	200	N	300	15	300	N	70	N	N	150	500	N	300	1,500	500
SH05152A	10	300	<10	2,000	N	500	N	200	N	N	2,000	N	1,500	100	150	1,500
SH05153A	10	100	N	>2,000	150	700	N	100	N	N	200	N	3,000	100	100	2,000
SH05154A	15	300	N	700	200	1,000	N	70	N	N	500	N	700	200	200	1,500
SH05156A	N	70	N	300	500	500	N	20	N	20	>2,000	N	N	N	300	1,500
SH05163A	N	200	N	1,000	10	100	N	300	N	10	200	<200	N	300	1,000	200
SH05171A	10	200	N	700	N	70	N	50	N	N	20	500	N	200	N	300
SH05177A	N	200	N	1,000	N	150	N	30	N	N	150	N	700	100	N	1,000
SH05178A	N	150	N	2,000	N	150	N	20	N	N	>2,000	N	1,000	150	N	2,000
SH05180A	N	70	N	1,500	N	150	N	50	N	N	200	N	700	100	N	2,000
SH05182A	N	100	<10	1,000	<10	300	N	70	N	20	>2,000	300	700	200	N	1,000
SH05183A	N	200	N	2,000	N	300	N	70	N	20	1,000	N	1,000	200	N	1,500
SH05188A	10	100	N	>2,000	<10	200	N	70	N	15	>2,000	200	700	150	<100	1,500

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH04934A	N	>2,000
SH04935A	N	>2,000
SH04936A	N	>2,000
SH04937A	N	>2,000
SH04938A	N	>2,000
SH04941A	N	>2,000
SH04942A	N	>2,000
SH04944A	1,000	>2,000
SH04946A	N	>2,000
SH04948A	N	>2,000
SH04955A	1,500	>2,000
SH04960A	N	>2,000
SH04966A	N	>2,000
SH04968A	N	>2,000
SH04969A	N	>2,000
SH04970A	N	>2,000
SH04975A	1,000	>2,000
SH04977A	N	>2,000
SH04980A	N	>2,000
SH04981A	N	>2,000
SH04982A	15,000	>2,000
SH04984A	N	>2,000
SH04985A	N	>2,000
SH05102A	N	>2,000
SH05103A	N	>2,000
SH05104A	N	>2,000
SH05110A	N	>2,000
SH05115A	N	>2,000
SH05116A	N	>2,000
SH05117A	N	>2,000
SH05127A	N	>2,000
SH05128A	N	>2,000
SH05129A	N	>2,000
SH05135A	N	>2,000
SH05143A	N	>2,000
SH05144A	700	>2,000
SH05146A	N	>2,000
SH05150A	N	>2,000
SH05152A	N	>2,000
SH05153A	N	>2,000
SH05154A	N	>2,000
SH05156A	N	>2,000
SH05163A	N	>2,000
SH05171A	N	>2,000
SH05177A	N	>2,000
SH05178A	N	>2,000
SH05180A	N	>2,000
SH05182A	N	>2,000
SH05183A	N	>2,000
SH05188A	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05191A	44 30 50	71 18 13	80	1.50	.20	5.00	>2.0	700	N	N	N	150	200	5	N
SH05193A	44 30 32	71 17 34	80	.70	.07	15.00	>2.0	2,000	N	N	N	N	150	N	N
SH05196A	44 31 57	71 17 32	80	1.00	.20	3.00	>2.0	700	N	N	N	150	200	<2	N
SH05198A	44 32 45	71 17 48	80	2.00	.20	2.00	2.0	700	N	N	N	70	150	100	N
SH05204A	44 33 58	71 15 37	80	50.00	.10	2.00	2.0	500	N	N	N	50	200	5	N
SH05205A	44 34 14	71 18 44	80	10.00	.15	1.50	>2.0	500	15.0	N	N	20	100	30	30
SH05214A	44 16 54	71 55 26	80	3.00	2.00	10.00	>2.0	1,500	N	N	N	200	300	2	N
SH05215A	44 16 53	71 54 25	80	2.00	1.00	7.00	>2.0	1,000	N	<500	N	200	500	5	N
SH05218A	44 16 24	71 55 20	80	1.50	1.00	7.00	>2.0	1,500	N	N	N	300	500	5	N
SH05229A	44 15 14	71 57 58	80	1.50	1.00	5.00	>2.0	1,000	N	N	N	200	300	2	N
SH05232A	44 18 8	71 56 15	80	1.30	1.50	7.00	>2.0	1,500	N	N	N	300	500	3	N
SH05236A	44 13 45	71 19 28	80	5.00	3.00	5.00	>2.0	5,000	N	N	N	>5,000	700	50	N
SH05237A	44 13 0	71 20 25	80	5.00	2.00	10.00	>2.0	3,000	N	N	N	>5,000	700	7	N
SH05238A	44 12 57	71 20 28	80	15.00	3.00	10.00	>2.0	5,000	N	N	N	>5,000	700	10	N
SH05239A	44 12 46	71 20 10	80	10.00	2.00	15.00	>2.0	7,000	N	N	N	3,000	500	3	N
SH05240A	44 11 51	71 20 12	80	5.00	2.00	15.00	>2.0	5,000	N	N	N	5,000	700	3	N
SH05242A	44 11 33	71 20 38	80	5.00	2.00	15.00	>2.0	7,000	N	N	N	5,000	500	5	30
SH05244A	44 10 53	71 21 6	80	15.00	1.50	10.00	>2.0	3,000	N	N	N	>5,000	700	3	N
SH05246A	44 10 16	71 21 2	80	5.00	2.00	10.00	>2.0	5,000	N	N	N	1,500	700	5	N
SH05301	44 29 22	71 13 41	81	.30	<.05	3.00	>2.0	500	N	N	N	N	70	N	N
SH05304	44 27 5	71 12 16	81	.50	.05	7.00	>2.0	700	N	N	N	N	70	100	N
SH05306	44 26 38	71 11 35	81	.70	.07	7.00	>2.0	1,000	N	N	N	N	150	N	N
SH05307	44 25 59	71 11 53	81	.50	.05	7.00	>2.0	1,000	N	N	N	N	70	N	N
SH05313	44 28 32	71 4 11	81	.50	<.05	1.00	>2.0	500	N	N	N	20	100	7	N
SH05314	44 28 42	71 4 22	81	.70	.07	2.00	2.0	700	N	N	N	30	150	7	N
SH05315	44 30 13	71 3 32	81	.20	.05	2.00	1.5	200	N	N	N	N	150	3	N
SH05316	44 30 50	71 3 13	81	.10	<.05	1.00	1.0	70	N	N	N	N	200	3	N
SH05318	44 31 13	71 2 49	81	.50	.05	2.00	>2.0	500	N	N	N	30	150	20	N
SH05320	44 30 27	71 3 3	81	.50	.05	5.00	2.0	500	N	N	N	70	70	3	N
SH05324	44 25 41	71 4 25	81	.20	.05	5.00	>2.0	500	N	N	N	50	50	5	N
SH05326	44 25 36	71 4 14	81	1.00	.20	7.00	>2.0	1,000	N	N	N	70	70	30	N
SH05328	44 26 22	71 4 9	81	.70	.10	5.00	>2.0	500	N	N	N	70	50	5	N
SH05335	44 31 9	71 5 44	81	.30	.10	3.00	>2.0	300	N	N	N	50	<50	2	N
SH05336	44 32 1	71 6 21	81	.50	.07	5.00	>2.0	300	N	N	N	50	50	N	N
SH05337	44 32 2	71 5 21	81	.70	.07	5.00	>2.0	300	N	N	N	50	50	2	30
SH05340	44 33 18	71 4 37	81	.50	.07	5.00	>2.0	500	N	N	N	N	50	<2	N
SH05341	44 33 13	71 4 34	31	.30	.10	5.00	>2.0	300	N	N	N	50	<50	3	N
SH05342	44 36 17	71 4 48	81	.30	.05	1.00	>2.0	200	N	N	N	50	50	10	N
SH05343	44 36 42	71 5 50	81	.70	.15	.20	2.0	300	N	N	N	70	150	5	700
SH05344	44 37 2	71 6 26	81	.50	.20	2.00	>2.0	300	N	N	N	150	70	3	N
SH05346	44 37 24	71 6 54	81	.50	.05	.70	2.0	200	N	N	N	100	50	10	N
SH05351	44 33 25	71 10 58	81	.70	.05	.70	>2.0	500	N	N	N	70	50	<2	N
SH05352	44 34 5	71 11 50	81	.50	.07	.70	2.0	300	N	N	N	N	150	3	N
SH05354	44 31 46	71 15 36	81	.20	.05	3.00	>2.0	300	N	N	N	N	<50	<2	<20
SH05355	44 31 32	71 15 22	81	.30	.05	1.50	2.0	700	N	N	N	20	<50	2	<20
SH05357	44 31 6	71 12 54	81	.20	.05	2.00	>2.0	500	N	N	N	30	150	20	N
SH05359	44 31 44	71 12 27	81	.70	.10	3.00	>2.0	500	N	N	N	30	70	N	N
SH05360	44 30 0	71 13 55	81	.50	.07	7.00	>2.0	1,000	N	N	N	N	70	N	N
SH05361	44 58 2	71 8 58	81	.50	.20	5.00	>2.0	300	N	N	N	N	50	N	N
SH05362	44 53 41	71 4 38	81	.50	.05	2.00	>2.0	300	N	N	N	70	50	5	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05191A	20	150	N	1,500	10	200	N	15,000	N	N	1,500	200	500	200	<100	1,000
SH05193A	<10	N	N	>2,000	30	300	N	70	N	N	1,000	N	500	200	N	2,000
SH05196A	N	100	10	>2,000	N	200	N	150	N	30	2,000	N	2,000	100	N	1,500
SH05198A	<10	150	N	>2,000	20	200	N	100	N	N	100	N	1,000	100	100	1,000
SH05204A	70	70	1,000	300	<10	300	15	1,000	N	N	1,500	<200	N	70	N	300
SH05205A	30	100	2,000	1,000	N	200	N	5,000	N	N	2,000	N	1,000	100	N	1,000
SH05214A	30	100	10	150	N	100	N	100	N	20	N	700	N	700	300	150
SH05215A	15	70	20	100	N	100	N	20	N	N	20	700	N	200	100	150
SH05218A	N	100	200	200	N	100	N	10,000	200	10	>2,000	700	N	500	500	200
SH05229A	50	150	200	300	N	100	N	150	N	20	100	500	N	700	N	200
SH05232A	N	150	50	150	N	150	N	50	N	N	20	700	N	500	N	200
SH05236A	20	100	100	700	N	200	70	70	N	100	50	N	N	300	N	200
SH05237A	20	200	70	500	N	200	N	100	N	30	N	1,500	N	300	N	150
SH05238A	20	200	70	300	N	200	70	50	N	30	30	1,000	N	500	N	200
SH05239A	15	200	150	1,500	<10	300	30	70	N	30	50	1,000	N	300	N	500
SH05240A	50	200	15	1,500	N	500	100	70	N	100	1,000	1,000	N	300	200	300
SH05242A	20	200	70	1,000	N	300	N	200	N	30	>2,000	1,000	N	300	N	500
SH05244A	10	200	10	1,000	N	500	N	70	N	70	>2,000	500	200	500	<100	300
SH05246A	20	200	30	300	N	300	70	70	N	30	>2,000	1,500	N	300	N	200
SH05301	N	20	<10	700	N	50	N	70	N	15	1,500	N	200	150	150	1,500
SH05304	N	20	10	1,500	10	100	N	50	N	15	700	N	N	100	N	1,500
SH05306	30	30	100	1,500	N	70	10	500	<200	15	>2,000	N	<200	100	N	1,500
SH05307	N	20	15	1,000	70	150	N	150	N	15	500	N	<200	150	N	1,000
SH05313	N	30	10	100	N	50	N	20	N	15	300	N	N	70	N	200
SH05314	N	70	<10	150	N	70	N	20	N	15	20	<200	N	100	N	200
SH05315	N	20	N	N	N	<50	N	20	N	15	N	N	N	50	150	100
SH05316	N	N	N	N	N	N	N	N	N	15	N	N	N	20	N	30
SH05318	N	30	N	50	N	50	N	20	N	15	200	N	N	70	150	150
SH05320	N	30	<10	100	N	70	N	20	N	15	<20	N	N	70	N	200
SH05324	N	150	10	100	N	70	N	30	N	15	150	N	N	200	N	150
SH05326	N	50	<10	1,000	N	50	N	30	N	15	300	N	N	150	N	700
SH05328	N	150	10	150	N	150	N	50	N	15	500	N	N	150	N	200
SH05335	N	200	10	70	N	70	N	20	N	15	100	N	N	300	N	70
SH05336	10	70	15	300	20	100	N	20	N	15	700	N	N	300	100	500
SH05337	50	150	30	150	N	50	N	20	N	15	70	N	N	200	<100	150
SH05340	N	50	15	500	N	50	N	20	N	15	30	N	N	300	150	500
SH05341	50	70	20	300	20	70	N	30	N	15	70	<200	N	300	<100	500
SH05342	N	150	10	N	N	100	N	20	N	10	700	N	N	150	500	50
SH05343	N	50	10	N	N	N	N	70	N	N	N	N	N	70	N	20
SH05344	N	70	10	N	N	70	N	30	N	15	1,500	N	N	200	300	150
SH05346	N	200	<10	70	N	50	N	20	N	N	30	N	N	150	N	70
SH05351	30	150	10	150	N	50	N	70	N	15	700	N	N	300	<100	200
SH05352	10	100	10	100	N	50	N	30	N	<10	30	N	N	70	<100	100
SH05354	N	30	<10	150	15	70	N	30	N	20	100	<200	N	150	N	300
SH05355	N	70	N	200	N	50	N	100	N	15	300	N	300	100	N	700
SH05357	N	150	10	100	<10	70	N	30	N	15	150	N	N	300	300	200
SH05359	N	150	10	150	15	100	N	50	N	20	1,000	N	N	150	300	500
SH05360	N	100	30	1,000	<10	50	N	50	N	15	50	N	N	500	N	1,000
SH05361	N	150	15	150	N	<50	N	50	N	15	30	N	N	300	<100	150
SH05362	N	70	10	150	N	50	N	20	N	N	N	N	N	200	N	70

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05191A	N	>2,000
SH05193A	N	>2,000
SH05196A	N	>2,000
SH05198A	N	>2,000
SH05204A	N	>2,000
SH05205A	N	>2,000
SH05214A	N	2,000
SH05215A	N	2,000
SH05218A	N	>2,000
SH05229A	N	>2,000
SH05232A	N	>2,000
SH05236A	N	1,500
SH05237A	N	2,000
SH05238A	N	>2,000
SH05239A	N	>2,000
SH05240A	N	>2,000
SH05242A	N	>2,000
SH05244A	N	>2,000
SH05246A	N	>2,000
SH05301	N	>2,000
SH05304	N	>2,000
SH05306	N	>2,000
SH05307	N	>2,000
SH05313	N	>2,000
SH05314	N	>2,000
SH05315	N	>2,000
SH05316	N	2,000
SH05318	N	>2,000
SH05320	N	>2,000
SH05324	N	>2,000
SH05326	N	>2,000
SH05328	N	>2,000
SH05335	N	>2,000
SH05336	N	>2,000
SH05337	N	>2,000
SH05340	N	>2,000
SH05341	N	>2,000
SH05342	N	>2,000
SH05343	N	1,500
SH05344	N	>2,000
SH05346	N	2,000
SH05351	N	>2,000
SH05352	N	>2,000
SH05354	N	>2,000
SH05355	N	>2,000
SH05357	N	>2,000
SH05359	N	>2,000
SH05360	N	>2,000
SH05361	N	>2,000
SH05362	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05363	44 53 5	71 4 20	81	.70	.30	1.00	>2.0	1,000	N	N	N	100	50	2	N
SH05364	44 53 5	71 6 39	81	.30	.10	1.50	>2.0	300	N	N	N	50	<50	N	N
SH05366	44 52 47	71 8 48	81	.30	.15	7.00	>2.0	500	N	N	N	20	<50	N	20
SH05368	44 53 12	71 7 53	81	.70	.20	5.00	>2.0	300	N	N	N	30	<50	<2	N
SH05369	44 52 42	71 7 26	81	.30	.10	5.00	>2.0	200	N	N	N	30	<50	N	N
SH05370	44 52 33	71 6 57	81	.30	.10	3.00	>2.0	150	N	N	N	30	<50	N	N
SH05375	44 36 27	71 3 38	81	.30	.10	1.00	>2.0	300	N	N	N	50	50	20	100
SH05376	44 37 10	71 2 48	81	.30	.07	1.00	>2.0	200	N	N	N	30	50	N	50
SH05378	44 39 7	71 3 6	81	.70	.07	3.00	>2.0	200	N	N	N	50	70	2	50
SH05385	44 40 56	71 8 13	81	.70	.15	2.00	>2.0	300	N	N	N	30	150	3	N
SH05389	44 40 25	71 5 29	81	.70	.50	5.00	>2.0	500	N	N	N	70	50	2	N
SH05390	44 40 38	71 5 51	81	.70	.10	3.00	>2.0	500	N	N	N	30	70	70	N
SH05394	44 42 5	71 3 27	81	.70	.07	2.00	>2.0	700	N	N	N	70	150	2	N
SH05395	44 42 8	71 1 59	81	.30	.05	7.00	>2.0	300	N	N	N	20	150	2	N
SH05400	44 27 19	71 19 6	81	.30	<.05	1.50	>2.0	200	N	N	N	N	N	3	N
SH05401	44 27 40	71 24 20	81	.30	<.05	.70	>2.0	150	N	N	N	N	70	N	N
SH05402	44 27 36	71 24 51	81	.30	<.05	.50	>2.0	150	N	N	N	30	100	<2	N
SH05403	44 27 25	71 25 11	81	.10	<.05	1.50	1.5	150	N	N	N	20	50	N	N
SH05404	44 27 27	71 25 5	81	.70	.05	3.00	2.0	200	N	N	N	N	200	N	30
SH05408	44 27 46	71 25 31	81	.30	<.05	1.00	>2.0	150	N	N	N	N	50	N	N
SH05410	44 28 34	71 26 28	81	.50	.03	1.50	>2.0	300	N	N	N	70	70	5	N
SH05411	44 28 49	71 26 53	81	.70	.07	3.00	>2.0	500	50.0	N	100	N	50	<2	N
SH05412	44 26 42	71 2 33	81	1.00	.50	2.00	>2.0	1,000	N	N	N	500	150	3	N
SH05414	44 26 41	71 1 46	81	.20	<.05	10.00	>2.0	700	N	N	N	30	50	N	N
SH05415	44 26 36	71 1 44	81	.70	.07	7.00	>2.0	700	N	N	N	50	70	3	N
SH05416	44 25 10	71 7 47	81	5.00	<.05	15.00	1.5	1,000	30.0	7,000	N	N	70	100	N
SH05417	44 25 13	71 7 46	81	.50	.10	15.00	.7	1,500	N	N	N	300	50	2	N
SH05418	44 24 45	71 7 24	81	.20	.05	20.00	2.0	1,500	N	N	N	N	N	2	N
SH05419	44 24 46	71 7 25	81	1.00	.07	10.00	1.5	1,500	20.0	700	N	50	200	2	N
SH05420	44 27 24	71 29 19	81	.20	.05	5.00	2.0	200	N	N	N	50	300	N	N
SH05421	44 27 27	71 29 18	81	.50	.10	7.00	2.0	300	N	N	30	N	100	N	20
SH05422	44 28 27	71 28 38	81	.15	<.05	.50	1.0	100	N	N	N	N	50	N	N
SH05424	44 29 41	71 28 45	81	.10	<.05	1.00	1.0	500	N	N	N	N	150	3	N
SH05427	44 28 42	71 27 54	81	.20	<.05	.50	1.5	150	N	N	N	<20	70	2	N
SH05429	44 29 12	71 28 8	81	.30	.05	2.00	>2.0	200	N	N	N	30	150	N	N
SH05430	44 27 32	71 29 7	81	.20	.05	2.00	>2.0	200	N	N	N	20	200	2	N
SH05431	44 21 11	71 21 23	81	.70	.07	7.00	>2.0	1,000	N	N	N	50	100	5	N
SH05435	44 36 44	71 11 40	81	.50	.05	2.00	>2.0	500	N	N	N	50	200	2	N
SH05437	44 36 55	71 10 30	81	.50	.07	1.00	2.0	300	N	N	N	70	100	10	N
SH05442	44 57 31	71 10 17	81	.15	.20	7.00	>2.0	500	N	N	N	N	<50	N	N
SH05443	44 57 28	71 10 16	81	.50	.07	7.00	>2.0	500	N	N	N	20	50	N	N
SH05444	44 57 27	71 9 54	81	.15	.10	5.00	>2.0	300	N	N	N	20	N	N	N
SH05445	44 57 20	71 9 16	81	.20	.15	7.00	>2.0	300	N	N	N	50	50	N	N
SH05449	44 56 18	71 5 26	81	.20	.20	5.00	>2.0	300	N	N	N	30	<50	N	N
SH05452	44 55 40	71 6 12	81	.30	.20	3.00	>2.0	300	N	N	N	30	N	N	N
SH05453	44 55 38	71 6 13	81	.50	.10	7.00	>2.0	200	N	N	N	30	50	N	70
SH05454	44 38 7	71 10 2	81	.70	.10	2.00	>2.0	300	N	N	N	50	50	20	N
SH05455	44 38 44	71 8 46	81	.20	.05	1.50	>2.0	300	N	N	N	70	N	3	N
SH05457	44 38 52	71 7 54	81	.30	.07	2.00	>2.0	300	N	N	N	50	50	2	N
SH05458	44 29 12	71 22 25	81	.70	.15	15.00	>2.0	700	N	N	N	N	100	N	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05363	N	150	<10	200	N	50	N	50	N	10	200	N	N	300	N	100
SH05364	N	30	<10	100	N	<50	N	<20	N	10	N	N	N	150	500	50
SH05366	10	50	20	200	N	50	N	30	N	15	<20	<200	N	700	500	200
SH05368	<10	150	20	150	N	50	N	30	N	15	20	N	N	300	100	150
SH05369	N	70	15	70	N	<50	N	30	N	15	<20	<200	N	500	<100	300
SH05370	N	70	15	N	N	50	N	30	N	15	<20	N	N	500	100	200
SH05375	N	70	10	150	N	70	N	70	N	15	1,000	N	N	200	200	200
SH05376	N	70	10	50	N	50	N	20	N	15	1,000	N	N	150	300	150
SH05378	10	50	15	50	N	50	N	150	N	15	300	N	N	150	N	100
SH05385	10	50	10	50	N	50	N	500	N	<10	300	N	N	150	N	200
SH05389	N	100	15	150	N	50	N	<20	N	15	20	N	N	500	N	150
SH05390	N	70	10	<50	N	N	N	<20	N	20	300	N	N	150	500	100
SH05394	N	70	<10	<50	N	<50	N	20	N	20	N	N	N	200	N	100
SH05395	N	50	10	300	<10	50	N	30	N	15	30	300	N	150	N	200
SH05400	N	20	N	200	N	70	N	50	N	15	300	N	300	150	N	700
SH05401	N	30	N	200	N	50	N	30	N	10	70	N	500	70	N	1,500
SH05402	N	30	N	300	N	50	N	50	N	10	300	N	500	70	N	1,000
SH05403	N	20	N	100	N	N	N	30	N	15	100	N	200	50	N	700
SH05404	N	20	<10	300	N	N	N	50	N	15	70	N	<200	150	N	2,000
SH05408	N	20	N	150	N	50	N	50	N	15	100	N	300	100	N	2,000
SH05410	N	50	<10	300	N	N	N	70	N	10	300	N	300	150	N	1,500
SH05411	N	20	N	500	N	70	N	50	N	10	20	N	200	100	N	1,500
SH05412	<10	20	10	150	N	70	30	70	N	10	70	N	<200	150	N	500
SH05414	N	50	15	500	N	70	N	20	N	15	50	300	N	300	N	500
SH05415	N	100	10	150	N	100	N	200	N	15	300	N	N	300	N	500
SH05416	30	20	100	300	10	50	50	15,000	<200	30	100	200	N	50	N	700
SH05417	N	20	<10	500	N	50	N	30	N	N	20	N	N	50	N	1,000
SH05418	N	<20	<10	300	N	70	N	30	N	15	200	N	N	20	N	1,000
SH05419	10	<20	20	500	N	50	N	200	N	15	50	N	N	30	<100	700
SH05420	N	20	N	150	N	N	N	20	N	15	20	N	N	100	N	1,000
SH05421	N	20	N	200	N	N	N	30	N	15	300	N	200	100	N	1,000
SH05422	N	20	N	70	N	<50	N	70	N	15	200	N	500	30	N	1,500
SH05424	N	<20	N	50	N	N	N	30	N	15	N	N	300	30	N	2,000
SH05427	N	20	N	200	N	50	N	70	N	15	50	N	200	70	N	1,000
SH05429	N	30	<10	200	N	70	N	100	N	15	<20	N	500	70	N	1,000
SH05430	N	30	300	200	N	50	N	30	N	15	20	N	300	100	N	700
SH05431	N	100	10	300	N	70	N	30	N	15	20	N	<200	200	N	700
SH05435	N	200	<10	200	N	70	N	30	N	20	<20	N	N	100	N	200
SH05437	N	150	<10	150	N	70	N	20	N	15	150	N	N	150	N	100
SH05442	15	70	50	150	N	<50	N	50	N	15	20	<200	N	700	150	200
SH05443	10	70	200	100	N	50	N	30	N	15	<20	200	N	700	300	200
SH05444	<10	100	15	150	N	50	N	50	N	15	N	N	N	500	300	100
SH05445	10	100	20	50	N	50	N	50	N	N	20	200	N	500	200	200
SH05449	10	70	20	200	N	<50	N	30	N	10	N	N	N	700	<100	200
SH05452	N	50	10	150	N	50	N	30	N	10	N	N	N	500	N	150
SH05453	N	100	20	100	N	50	N	30	N	15	30	N	N	300	100	150
SH05454	N	100	10	70	N	70	N	30	N	20	100	N	N	150	<100	150
SH05455	N	50	<10	100	N	50	N	20	N	15	>2,000	N	N	200	200	100
SH05457	N	70	10	100	N	70	N	30	N	15	500	N	N	200	200	150
SH05458	N	100	20	1,500	N	70	N	70	N	15	300	300	300	1,500	N	1,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05363	N	1,000
SH05364	N	>2,000
SH05366	N	>2,000
SH05368	N	>2,000
SH05369	N	>2,000
SH05370	N	>2,000
SH05375	N	>2,000
SH05376	N	>2,000
SH05378	N	>2,000
SH05385	N	>2,000
SH05389	N	>2,000
SH05390	N	>2,000
SH05394	N	>2,000
SH05395	N	>2,000
SH05400	N	>2,000
SH05401	N	>2,000
SH05402	N	>2,000
SH05403	N	>2,000
SH05404	N	>2,000
SH05408	N	>2,000
SH05410	N	>2,000
SH05411	N	>2,000
SH05412	N	>2,000
SH05414	N	2,000
SH05415	N	>2,000
SH05416	2,000	>2,000
SH05417	N	>2,000
SH05418	N	>2,000
SH05419	1,500	>2,000
SH05420	N	>2,000
SH05421	N	>2,000
SH05422	N	>2,000
SH05424	N	>2,000
SH05427	N	>2,000
SH05429	N	>2,000
SH05430	N	>2,000
SH05431	N	>2,000
SH05435	N	>2,000
SH05437	N	>2,000
SH05442	N	>2,000
SH05443	N	>2,000
SH05444	N	>2,000
SH05445	N	>2,000
SH05449	N	2,000
SH05452	N	2,000
SH05453	N	>2,000
SH05454	N	>2,000
SH05455	N	>2,000
SH05457	N	>2,000
SH05458	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05459	44 29 18	71 22 17	81	.20	<.05	1.00	>2.0	100	N	N	N	N	70	3	N
SH05461	44 29 27	71 22 1	81	.50	.10	7.00	>2.0	500	N	N	N	50	70	N	N
SH05462	44 29 54	71 22 12	81	.30	.05	1.00	>2.0	300	N	N	N	N	50	<2	N
SH05463	44 29 56	71 22 6	81	.50	.05	.50	>2.0	300	N	N	N	50	70	3	N
SH05464	44 29 44	71 22 25	81	.50	<.05	1.00	>2.0	200	N	N	N	N	50	N	N
SH05468	44 36 39	71 14 25	81	.20	<.05	1.50	>2.0	200	N	N	N	30	100	3	N
SH05469	44 36 8	71 12 44	81	.50	.07	1.00	>2.0	500	N	N	N	70	50	7	N
SH05473	44 30 48	71 20 30	81	.20	<.05	.50	2.0	200	N	N	N	30	<50	5	N
SH05474	44 31 7	71 20 28	81	.50	.05	.70	>2.0	300	N	N	N	N	<50	2	N
SH05477	44 33 49	71 9 33	81	.50	.07	1.50	>2.0	300	N	N	N	70	50	7	N
SH05478	44 34 3	71 10 19	81	.50	.07	1.50	>2.0	300	N	N	N	50	50	5	N
SH05479	44 36 5	71 8 15	81	.30	.07	3.00	>2.0	300	N	N	N	70	<50	10	N
SH05480	44 36 10	71 8 2	81	.50	.05	3.00	>2.0	300	N	N	N	50	<50	3	N
SH05481	44 42 16	71 14 21	81	.70	.05	3.00	>2.0	700	N	N	N	70	70	30	N
SH05485	44 42 6	71 12 46	81	.50	.05	1.00	>2.0	500	N	N	N	N	100	3	N
SH05486	44 41 16	71 13 36	81	.70	.05	7.00	>2.0	500	N	N	N	50	50	3	1,000
SH05488	44 40 24	71 13 15	81	.20	.05	5.00	>2.0	500	N	N	N	50	70	10	N
SH05489	44 40 25	71 17 9	81	.30	.05	5.00	>2.0	300	N	N	N	30	100	2	N
SH05491	44 39 49	71 16 37	81	.30	.05	1.50	>2.0	300	N	N	N	N	150	2	N
SH05497	44 37 28	71 16 47	81	.30	.20	7.00	>2.0	500	N	N	N	50	200	<2	N
SH05498	44 37 37	71 16 33	81	.50	.05	7.00	>2.0	700	N	N	N	50	150	2	N
SH05499	44 39 36	71 14 34	81	.20	.05	7.00	>2.0	500	N	N	N	N	100	N	N
SH05500	44 39 54	71 15 10	81	.30	<.05	10.00	>2.0	500	N	N	N	N	200	N	N
SH05501	44 23 41	71 16 17	81	.20	<.05	7.00	2.0	300	N	N	N	N	70	N	N
SH05502	44 24 52	71 15 59	81	.20	<.05	1.00	>2.0	150	N	N	N	N	70	3	N
SH05505	44 24 6	71 16 13	81	.15	<.05	7.00	>2.0	300	N	N	N	N	150	N	N
SH05507	44 24 5	71 13 13	81	.20	<.05	7.00	>2.0	500	N	N	N	N	70	15	N
SH05519	44 27 5	71 10 40	81	.70	.10	3.00	>2.0	500	N	N	N	30	100	3	N
SH05521	44 29 8	71 5 55	81	.50	.15	7.00	>2.0	700	10.0	N	N	70	100	5	N
SH05523	44 29 4	71 6 29	81	.50	.10	5.00	>2.0	1,000	N	N	N	50	150	3	N
SH05527	44 21 37	71 22 0	81	.15	.05	10.00	>2.0	300	N	N	N	N	50	N	N
SH05529	44 21 17	71 26 42	81	.20	<.05	10.00	>2.0	200	N	N	N	N	N	2	N
SH05530	44 21 18	71 29 18	81	.30	.05	10.00	>2.0	500	N	N	N	N	<50	N	N
SH05531	44 58 40	71 6 41	81	.50	.10	2.00	>2.0	500	N	N	N	70	100	N	N
SH05532	44 58 39	71 6 29	81	.20	.15	5.00	>2.0	500	N	N	N	70	50	N	200
SH05533	44 57 36	71 4 55	81	.50	.10	2.00	>2.0	500	N	N	N	70	70	N	N
SH05534	44 57 33	71 4 49	81	.50	.10	2.00	>2.0	200	N	N	N	70	<50	N	200
SH05536	44 57 42	71 8 30	81	.20	.15	7.00	>2.0	300	N	N	N	50	<50	N	N
SH05537	44 59 1	71 11 26	81	.50	.30	7.00	>2.0	500	N	N	N	30	50	N	N
SH05538	44 58 57	71 11 22	81	.50	.10	7.00	>2.0	300	N	N	N	N	70	N	N
SH05539	44 58 55	71 10 52	81	.30	.20	5.00	>2.0	300	N	N	N	50	50	N	N
SH05540	44 58 51	71 10 43	81	.30	.10	5.00	>2.0	200	N	N	N	50	50	N	N
SH05541	44 58 46	71 10 53	81	.30	.15	5.00	>2.0	300	N	N	N	N	N	N	N
SH05542	44 58 18	71 10 15	81	.50	.30	7.00	>2.0	300	N	N	N	30	50	N	N
SH05543	44 58 11	71 9 34	81	.20	.20	7.00	>2.0	300	N	N	N	50	<50	N	N
SH05546	44 55 6	71 5 10	81	.30	.10	1.00	>2.0	300	N	N	N	70	N	3	N
SH05548	44 56 42	71 4 44	81	.70	.10	5.00	>2.0	500	N	N	N	70	70	N	N
SH05550	44 32 51	71 9 37	81	.30	.10	3.00	>2.0	500	N	N	N	70	100	3	N
SH05553	44 31 59	71 7 1	81	.30	.07	3.00	>2.0	500	N	N	N	100	50	2	N
SH05556	44 30 54	71 9 2	81	1.00	.10	5.00	>2.0	500	N	N	N	20	50	2	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05459	N	<20	N	150	N	<50	N	30	N	15	100	N	700	100	<100	1,500
SH05461	N	50	10	1,000	N	70	N	70	N	15	100	200	700	150	N	70
SH05462	N	20	<10	300	N	50	N	50	N	15	50	N	500	100	N	1,500
SH05463	N	20	<10	300	N	70	20	100	N	15	70	<200	1,500	200	N	>5,000
SH05464	N	20	N	500	N	50	N	100	N	150	30	300	700	100	N	>5,000
SH05468	N	30	<10	200	N	<50	N	50	N	15	100	N	200	70	N	700
SH05469	N	70	10	50	N	100	N	70	N	15	1,000	N	N	150	<100	200
SH05473	N	<20	<10	300	50	50	N	70	N	15	>2,000	N	2,000	50	100	1,000
SH05474	N	30	N	1,000	20	70	N	50	N	15	>2,000	N	700	50	<100	700
SH05477	N	100	10	150	N	50	N	30	N	15	500	N	N	200	N	200
SH05478	N	70	10	70	N	50	N	30	N	15	100	N	N	200	N	150
SH05479	<10	70	15	50	N	50	N	20	N	15	500	N	N	200	150	200
SH05480	N	50	20	50	N	70	N	30	N	15	700	N	N	150	100	150
SH05481	N	50	<10	500	N	70	N	30	N	15	1,500	N	200	150	500	300
SH05485	N	30	<10	N	N	70	N	30	N	15	>2,000	N	300	100	700	300
SH05486	10	100	10	150	N	100	N	30	N	15	>2,000	N	<200	150	500	500
SH05488	N	70	<10	50	N	50	N	20	N	15	>2,000	N	300	100	200	300
SH05489	N	70	10	500	N	<50	N	30	N	15	200	N	N	100	150	300
SH05491	N	20	10	1,500	N	50	N	50	N	15	200	N	<200	70	N	200
SH05497	20	150	15	300	N	150	<10	50	N	20	>2,000	N	300	150	N	150
SH05498	15	50	15	1,000	20	50	N	50	N	15	200	N	200	50	200	300
SH05499	N	20	10	1,000	N	<50	N	30	N	15	20	N	N	50	N	500
SH05500	N	20	15	700	<10	50	N	70	N	15	1,000	N	N	200	N	500
SH05501	N	20	<10	300	N	<50	N	30	N	15	300	N	<200	70	N	700
SH05502	N	N	N	1,500	N	<50	N	300	N	15	100	N	200	30	N	700
SH05505	N	30	<10	500	N	N	N	30	N	15	30	N	N	100	<100	700
SH05507	N	<20	10	700	N	70	N	100	N	15	300	N	<200	100	<100	700
SH05519	10	50	15	100	N	70	N	30	N	15	150	N	N	100	N	300
SH05521	<10	100	20	200	N	70	N	30	N	15	100	N	N	500	N	300
SH05523	N	50	<10	100	N	<50	N	20	N	15	50	N	N	150	N	300
SH05527	N	20	<10	2,000	N	50	N	30	N	15	26	300	N	150	<100	500
SH05529	N	20	<10	1,000	N	<50	N	30	N	10	300	200	200	100	100	700
SH05530	N	20	10	1,500	N	70	N	30	N	15	30	N	300	150	<100	1,000
SH05531	<10	100	30	1,000	N	70	N	30	N	15	70	200	N	700	100	200
SH05532	10	50	10	150	N	<50	N	30	N	15	<20	200	N	300	500	200
SH05533	N	50	10	300	N	70	N	20	N	15	<20	N	N	300	300	200
SH05534	N	150	15	300	N	70	N	50	N	15	200	N	N	200	200	150
SH05536	N	50	15	100	N	<50	N	30	N	10	<20	N	N	500	<100	200
SH05537	10	100	20	200	N	50	N	50	N	15	26	<200	N	700	N	150
SH05538	20	50	15	100	N	70	N	200	N	10	<20	200	N	700	100	150
SH05539	<10	70	20	300	N	70	N	30	N	15	20	<200	N	500	<100	150
SH05540	<10	150	15	200	N	70	N	20	N	15	<20	N	N	500	500	200
SH05541	10	100	15	100	N	50	N	30	N	15	20	N	N	300	150	150
SH05542	20	150	30	100	N	50	N	20	N	15	N	N	N	500	<100	200
SH05543	10	50	15	100	N	<50	N	30	N	15	<20	N	N	300	150	150
SH05546	N	200	15	100	N	70	N	20	N	15	<20	N	N	200	100	100
SH05548	10	70	20	500	N	50	N	30	N	15	20	N	N	500	100	200
SH05550	N	70	<10	200	N	<50	N	30	N	15	500	N	N	150	N	300
SH05553	N	70	<10	700	N	70	N	30	N	15	1,500	N	N	200	200	300
SH05556	20	50	50	1,500	N	<50	N	70	N	20	>2,000	N	N	150	200	700

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05459	N	>2,000
SH05461	N	>2,000
SH05462	N	>2,000
SH05463	N	>2,000
SH05464	N	>2,000
SH05468	N	>2,000
SH05469	N	>2,000
SH05473	N	>2,000
SH05474	N	>2,000
SH05477	N	>2,000
SH05478	N	>2,000
SH05479	N	>2,000
SH05480	N	>2,000
SH05481	N	>2,000
SH05485	N	>2,000
SH05486	N	>2,000
SH05488	N	>2,000
SH05489	N	>2,000
SH05491	N	>2,000
SH05497	N	>2,000
SH05498	<500	>2,000
SH05499	N	>2,000
SH05500	N	>2,000
SH05501	N	>2,000
SH05502	N	>2,000
SH05505	N	>2,000
SH05507	N	>2,000
SH05519	N	>2,000
SH05521	N	>2,000
SH05523	N	2,000
SH05527	N	>2,000
SH05529	N	>2,000
SH05530	N	>2,000
SH05531	N	>2,000
SH05532	N	>2,000
SH05533	N	>2,000
SH05534	N	>2,000
SH05536	N	>2,000
SH05537	N	>2,000
SH05538	N	>2,000
SH05539	N	>2,000
SH05540	N	>2,000
SH05541	N	>2,000
SH05542	N	>2,000
SH05543	N	1,000
SH05546	N	>2,000
SH05548	N	2,000
SH05550	N	>2,000
SH05553	N	>2,000
SH05556	N	>2,000

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Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05559	44 30 17	71 7 10	81	.50	.07	1.00	>2.0	500	N	N	N	70	50	7	N
SH05560	44 30 7	71 7 30	81	1.00	.10	3.00	>2.0	500	N	N	N	30	150	3	N
SH05562	44 29 14	71 18 14	81	.15	<.05	1.50	>2.0	200	N	N	N	N	<50	N	N
SH05564	44 27 23	71 18 17	81	.20	<.05	.50	>2.0	150	N	N	N	N	<50	3	N
SH05565	44 27 10	71 18 17	81	.20	<.05	.50	2.0	150	N	N	N	N	50	<2	N
SH05566	44 26 28	71 18 8	81	.20	.05	1.50	1.5	200	N	N	N	N	100	N	N
SH05567	44 26 12	71 18 27	81	.50	.05	2.00	>2.0	200	N	N	N	30	<50	N	N
SH05568	44 27 18	71 20 43	81	.50	.07	3.00	>2.0	200	N	N	N	N	50	3	N
SH05569	44 27 43	71 21 8	81	.50	.05	1.50	2.0	300	N	N	N	N	50	10	N
SH05571	44 28 22	71 20 45	81	.20	.05	1.50	>2.0	200	N	N	N	N	<50	<2	N
SH05572	44 24 39	71 19 16	81	.20	<.05	5.00	>2.0	300	N	N	N	N	N	10	N
SH05573	44 24 38	71 19 11	81	.15	<.05	1.50	1.5	150	N	N	N	N	50	N	N
SH05575	44 25 21	71 18 47	81	.10	<.05	1.50	>2.0	200	N	N	N	N	<50	N	N
SH05577	44 23 55	71 19 5	81	.50	.05	1.00	1.5	150	N	N	N	<20	50	N	N
SH05578	44 25 57	71 19 12	81	.30	.10	7.00	>2.0	700	N	N	N	N	50	N	N
SH05579	44 25 51	71 18 57	81	.15	<.05	2.00	>2.0	200	N	N	N	N	N	N	N
SH05580	44 42 58	71 10 47	81	.50	.07	2.00	>2.0	500	N	N	N	70	100	5	N
SH05581	44 42 54	71 10 31	81	.50	.07	1.50	>2.0	500	N	N	N	30	100	50	N
SH05584	44 44 8	71 13 8	81	.50	.05	2.00	>2.0	500	N	N	N	50	150	10	N
SH05585	44 44 12	71 13 10	81	.30	.05	1.50	>2.0	500	N	N	N	70	150	15	N
SH05588	44 44 52	71 9 51	81	.30	.05	1.50	>2.0	500	N	N	N	50	100	7	N
SH05589	44 44 52	71 10 3	81	.50	.05	2.00	>2.0	500	N	N	N	70	100	2	N
SH05591	44 44 27	71 10 57	81	.30	.05	3.00	>2.0	700	N	N	N	30	70	2	N
SH05593	44 43 29	71 12 5	81	.20	.05	3.00	>2.0	500	N	N	N	50	50	30	N
SH05595	44 44 18	71 15 41	81	.70	.05	1.50	>2.0	300	N	N	N	70	50	7	N
SH05596	44 44 18	71 15 53	81	.30	.05	1.00	>2.0	300	N	N	N	50	100	5	N
SH05598	44 43 7	71 15 37	81	.50	.05	7.00	>2.0	700	N	N	N	100	70	2	200
SH05599	44 43 10	71 15 32	81	.50	.07	.70	>2.0	500	N	N	N	50	100	50	30
SH05600	44 42 18	71 14 18	81	.30	.07	1.00	>2.0	300	N	N	N	50	70	3	N
SH05601	44 59 42	71 8 15	81	.70	.20	5.00	>2.0	700	N	N	N	100	50	N	N
SH05603	44 59 52	71 9 4	81	.30	.20	5.00	>2.0	300	N	N	N	50	50	N	100
SH05605	44 58 58	71 8 29	81	.20	.15	7.00	>2.0	200	N	N	N	50	70	N	N
SH05606	44 58 17	71 5 53	81	.50	.05	1.50	>2.0	150	N	N	N	N	70	N	N
SH05611	44 30 49	71 28 44	81	.20	.10	2.00	>2.0	200	N	N	N	20	150	5	100
SH05612	44 31 9	71 28 52	81	.20	.05	1.00	>2.0	200	N	N	N	N	<50	3	30
SH05613	44 30 53	71 28 34	81	.50	.50	1.50	2.0	300	N	N	N	50	500	2	N
SH05615	44 32 0	71 30 1	81	.10	.05	1.00	2.0	150	N	N	N	70	100	N	N
SH05616	44 32 27	71 30 37	81	.50	.10	3.00	>2.0	300	N	N	N	N	200	<2	N
SH05618	44 33 29	71 29 53	81	.10	<.05	1.00	2.0	150	N	N	N	20	50	N	N
SH05620	44 34 27	71 29 28	81	.30	.70	5.00	>2.0	200	N	N	N	20	150	2	N
SH05622	44 35 24	71 28 53	81	.50	.05	7.00	>2.0	300	N	N	N	50	70	N	N
SH05624	44 35 40	71 30 13	81	.50	.10	5.00	>2.0	300	N	N	N	50	300	N	N
SH05625	44 36 17	71 26 27	81	.50	.10	3.00	>2.0	300	N	N	N	30	100	N	N
SH05628	44 35 49	71 25 39	81	.30	.05	1.50	>2.0	300	N	N	N	70	100	2	N
SH05631	44 2 22	71 51 25	81	.70	.15	1.00	>2.0	700	N	N	N	3,000	70	7	N
SH05635	44 35 48	71 10 24	81	.20	.05	1.00	2.0	300	N	N	N	30	500	2	N
SH05636	44 36 [illegible]	71 10 27	81	.30	.30	5.00	>2.0	1,000	N	N	N	100	150	70	N
SH05637	44 35 58	71 10 47	81	.20	.10	5.00	>2.0	500	N	N	N	70	150	<2	N
SH05642	44 54 1	71 30 40	81	.20	.10	.20	>2.0	200	N	N	N	N	150	N	N
SH05644	44 52 59	71 31 37	81	.50	.10	7.00	>2.0	200	N	N	N	70	70	2	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05559	N	100	N	70	N	70	N	30	N	15	300	N	N	200	N	200
SH05560	15	50	<10	200	N	50	N	20	N	20	100	N	500	150	<100	300
SH05562	N	<20	N	1,000	N	70	N	50	N	15	1,000	N	1,500	50	N	1,000
SH05564	N	20	<10	200	N	50	N	50	N	15	500	N	500	70	N	1,000
SH05565	N	N	N	50	N	<50	N	50	N	20	300	N	500	50	N	1,500
SH05566	N	<20	N	200	N	N	N	50	N	20	1,000	N	500	30	N	1,000
SH05567	N	20	10	700	20	70	N	30	N	20	50	N	500	100	<100	500
SH05568	N	20	N	200	N	50	N	70	N	15	100	N	500	200	<100	700
SH05569	N	30	N	200	N	50	N	50	N	15	20	<200	300	100	N	1,000
SH05571	N	30	N	300	N	70	N	70	N	15	100	N	500	70	N	700
SH05572	N	<20	<10	2,000	10	N	N	30	N	15	30	N	N	70	100	500
SH05573	N	N	N	300	N	N	N	30	N	15	20	N	<200	20	N	500
SH05575	N	N	N	300	N	N	N	30	N	15	20	N	<200	50	N	300
SH05577	N	20	<10	300	<10	<50	N	30	N	10	50	N	300	100	<100	300
SH05578	N	30	10	2,000	N	<50	N	70	N	15	50	N	200	700	N	500
SH05579	N	<20	N	300	<10	<50	N	50	N	15	150	N	300	100	N	500
SH05580	10	50	10	300	N	70	N	30	N	15	>2,000	N	200	100	1,000	150
SH05581	N	50	10	200	N	50	N	20	N	15	>2,000	N	200	100	1,000	150
SH05584	N	70	10	200	N	70	N	20	N	20	2,000	N	N	70	100	300
SH05585	N	30	<10	150	N	70	N	30	N	20	>2,000	N	N	100	200	150
SH05588	N	50	20	70	N	70	N	20	N	15	200	N	N	150	N	100
SH05589	10	50	15	200	N	70	N	30	N	15	70	N	N	150	100	150
SH05591	<10	30	150	300	N	50	N	500	1,500	15	>2,000	N	N	200	500	200
SH05593	N	50	10	70	N	100	N	30	N	15	>2,000	N	N	150	1,500	500
SH05595	N	100	10	150	10	100	N	70	N	20	>2,000	N	300	150	<100	500
SH05596	N	50	10	100	N	70	N	30	N	15	>2,000	N	300	150	150	500
SH05598	<10	50	30	500	N	70	N	30	N	15	>2,000	N	N	100	300	500
SH05599	N	70	<10	100	N	50	N	20	N	15	200	N	N	100	100	100
SH05600	N	70	<10	50	N	70	N	20	N	20	>2,000	N	<200	100	1,000	200
SH05601	10	100	20	1,500	N	<50	N	30	N	N	70	200	N	300	700	200
SH05603	<10	300	20	500	N	50	N	30	N	15	<20	N	N	500	500	200
SH05605	<10	300	20	150	N	70	N	20	N	15	20	N	N	500	500	150
SH05606	N	50	<10	300	N	50	N	30	N	10	200	N	300	100	N	700
SH05611	20	50	<10	500	N	50	<10	30	N	20	100	N	500	50	N	500
SH05612	N	20	15	1,000	N	<50	N	50	N	15	70	N	500	50	N	1,000
SH05613	N	70	<10	150	<10	70	<10	500	N	100	70	200	200	150	N	150
SH05615	N	200	N	300	N	70	<10	50	N	20	N	N	300	30	N	1,000
SH05616	N	50	<10	150	N	<50	N	30	N	15	30	200	N	150	N	150
SH05618	N	20	N	300	N	70	N	30	N	15	70	N	200	30	N	700
SH05620	20	70	<10	1,000	N	70	<10	50	N	20	20	N	500	30	N	300
SH05622	10	50	10	1,000	N	<50	N	100	N	15	50	N	N	300	100	1,000
SH05624	20	70	10	500	15	70	<10	50	N	20	100	200	200	150	N	150
SH05626	20	100	10	300	300	150	<10	30	N	30	50	N	N	150	500	200
SH05628	N	50	<10	500	30	150	N	70	N	15	500	N	700	100	100	700
SH05631	N	30	<10	N	N	50	N	<20	N	10	500	N	N	70	500	100
SH05635	N	50	N	200	N	<50	<10	70	N	20	N	N	N	100	N	100
SH05636	10	200	10	200	N	70	<10	30	N	20	50	N	N	200	200	300
SH05637	N	150	<10	500	30	100	<10	100	N	20	2,000	N	300	200	700	500
SH05642	N	100	<10	50	200	70	N	30	N	200	<20	N	200	30	500	300
SH05644	N	150	15	700	20	500	N	30	N	10	70	500	700	70	N	700

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Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05559	N	>2,000
SH05560	N	>2,000
SH05562	N	>2,000
SH05564	N	>2,000
SH05565	N	>2,000
SH05566	N	>2,000
SH05567	N	>2,000
SH05568	N	>2,000
SH05569	N	>2,000
SH05571	N	>2,000
SH05572	N	>2,000
SH05573	N	>2,000
SH05575	N	>2,000
SH05577	N	>2,000
SH05578	N	>2,000
SH05579	N	>2,000
SH05580	N	>2,000
SH05581	N	>2,000
SH05584	N	>2,000
SH05585	N	>2,000
SH05588	N	>2,000
SH05589	N	>2,000
SH05591	N	>2,000
SH05593	N	>2,000
SH05595	N	>2,000
SH05596	N	>2,000
SH05598	N	>2,000
SH05599	N	>2,000
SH05600	N	>2,000
SH05601	N	2,000
SH05603	N	>2,000
SH05605	N	>2,000
SH05606	N	>2,000
SH05611	N	>2,000
SH05612	N	>2,000
SH05613	N	>2,000
SH05615	N	>2,000
SH05616	N	>2,000
SH05618	N	>2,000
SH05620	N	>2,000
SH05622	N	>2,000
SH05624	N	>2,000
SH05626	N	>2,000
SH05628	N	>2,000
SH05631	N	>2,000
SH05635	N	>2,000
SH05636	N	>2,000
SH05637	N	>2,000
SH05642	N	>2,000
SH05644	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05645	44 52 40	71 31 57	81	.20	.10	.10	>2.0	200	N	N	N	N	200	N	N
SH05646	44 52 2	71 33 52	81	.20	1.00	7.00	>2.0	700	N	N	N	1,000	100	N	N
SH05647	44 51 38	71 33 13	81	.15	.20	10.00	>2.0	500	N	N	N	100	200	N	N
SH05648	44 55 34	71 36 43	81	.20	.20	3.00	>2.0	500	N	N	N	500	70	N	N
SH05649	44 55 24	71 36 23	81	.15	.10	1.50	>2.0	300	N	N	N	N	100	N	N
SH05650	44 55 22	71 35 15	81	.20	.30	3.00	>2.0	300	N	N	N	300	100	N	N
SH05651	44 55 18	71 35 19	81	.50	.70	7.00	>2.0	300	N	N	N	1,000	150	<2	N
SH05652	44 54 51	71 35 7	81	.10	.10	3.00	>2.0	200	N	N	N	70	150	N	N
SH05653	44 54 46	71 35 9	81	.10	.10	7.00	>2.0	200	N	N	N	100	70	N	N
SH05655	44 53 45	71 35 7	81	.30	.20	1.00	>2.0	300	N	N	N	300	200	N	N
SH05656	44 53 25	71 36 1	81	<.10	.10	5.00	>2.0	200	N	N	N	50	50	N	N
SH05657	44 53 22	71 36 18	81	.20	.20	7.00	>2.0	300	N	N	N	300	100	N	N
SH05658	44 53 1	71 34 15	81	.15	.10	1.50	>2.0	200	N	N	N	200	100	2	N
SH05659	44 52 40	71 33 59	81	.15	.15	1.50	>2.0	200	N	N	N	200	150	N	N
SH05660	44 52 8	71 33 52	81	.20	.20	2.00	>2.0	300	N	N	N	1,000	70	N	N
SH05661	44 52 2	71 34 3	81	.30	.20	7.00	>2.0	300	N	N	N	200	150	N	N
SH05662	44 51 53	71 35 47	81	.20	.50	3.00	>2.0	500	N	N	N	500	300	N	N
SH05663	44 51 59	71 30 13	81	.20	.20	10.00	1.0	500	N	N	N	200	70	3	N
SH05664	44 52 6	71 30 29	81	.20	.10	7.00	>2.0	500	N	N	N	200	100	N	N
SH05665	44 52 8	71 30 23	81	.15	.20	2.00	>2.0	200	N	N	N	100	150	3	N
SH05666	44 51 10	71 34 8	81	.50	.70	5.00	>2.0	500	N	N	N	2,000	150	N	N
SH05667	44 50 59	71 33 59	81	.50	.10	3.00	>2.0	300	N	N	N	100	200	2	N
SH05668	44 51 43	71 32 14	81	.30	.20	1.50	>2.0	300	N	N	N	300	200	N	N
SH05669	44 50 35	71 32 48	81	.50	.20	1.00	>2.0	300	N	N	N	500	300	N	<20
SH05672	44 50 15	71 31 20	81	.30	.30	10.00	2.0	300	N	N	N	300	200	N	N
SH05673	44 50 21	71 31 16	81	.20	.10	1.50	>2.0	200	N	N	N	70	150	3	N
SH05674	44 49 36	71 32 44	81	.20	.15	1.00	>2.0	200	N	N	N	200	150	2	N
SH05675	44 49 6	71 33 58	81	.15	.05	.20	1.5	150	N	N	N	70	150	5	N
SH05676	44 47 18	71 33 55	81	.20	.10	1.00	>2.0	150	N	N	N	500	150	N	N
SH05677	44 51 57	71 29 56	81	.30	1.00	7.00	>2.0	500	N	N	N	300	150	3	N
SH05681	44 49 51	71 26 26	81	.50	.20	2.00	>2.0	300	N	N	N	200	150	N	N
SH05682	44 49 35	71 26 42	81	.50	.20	7.00	>2.0	300	N	N	N	500	100	N	N
SH05684	44 52 27	71 25 25	81	.20	.10	1.50	>2.0	150	N	N	N	150	100	N	<20
SH05686	44 48 57	71 25 47	81	1.00	2.00	3.00	>2.0	700	N	N	N	700	150	N	N
SH05687	44 48 52	71 24 13	81	.50	.10	2.00	>2.0	300	N	N	N	20	70	N	N
SH05689	44 50 5	71 23 45	81	.20	.70	7.00	>2.0	300	N	N	N	300	100	N	N
SH05690	44 50 42	71 23 33	81	.30	.20	7.00	>2.0	200	N	N	N	70	100	N	150
SH05691	44 52 11	71 24 32	81	.30	.15	7.00	>2.0	200	N	N	N	200	70	N	N
SH05702	44 28 13	71 19 1	81	.20	<.05	3.00	>2.0	200	N	N	N	N	N	5	N
SH05704	44 28 18	71 19 12	81	.50	.05	5.00	>2.0	300	N	N	N	N	150	2	N
SH05706	44 26 32	71 21 8	81	.20	<.05	2.00	>2.0	150	N	N	N	N	<50	N	N
SH05707	44 26 37	71 21 6	81	.30	.05	7.00	>2.0	300	N	N	N	50	50	N	N
SH05712	44 26 30	71 20 36	81	.30	.05	7.00	>2.0	200	N	N	N	N	150	<2	N
SH05714	44 29 19	71 17 20	81	.50	.05	7.00	>2.0	500	N	N	N	N	70	N	N
SH05715	44 32 0	71 18 23	81	.50	.05	.70	>2.0	300	N	N	N	20	N	2	N
SH05717	44 35 54	71 22 8	81	.50	.07	5.00	>2.0	200	N	N	N	100	50	2	N
SH05718	44 35 25	71 21 28	81	.70	.07	2.00	>2.0	200	N	N	N	50	50	3	N
SH05719	44 35 9	71 21 46	81	.50	<.05	1.00	1.5	200	N	N	N	20	N	3	N
SH05724	44 36 42	71 23 59	81	.50	.10	1.50	>2.0	500	N	N	N	70	70	5	N
SH05726	44 16 10	71 16 7	81	1.00	.10	.20	1.5	300	N	N	N	1,000	50	150	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05645	N	50	N	70	<10	50	N	30	N	150	N	N	300	30	150	200
SH05646	<10	1,500	15	500	N	100	N	50	N	20	20	--	N	300	<100	300
SH05647	N	1,000	<10	70	N	70	N	30	N	30	100	N	N	150	300	500
SH05648	<10	200	15	200	N	70	N	30	N	20	N	N	N	200	200	200
SH05649	<10	150	10	50	N	70	N	20	N	N	30	300	N	100	N	200
SH05650	15	300	20	70	N	70	N	30	N	20	30	N	N	150	500	300
SH05651	15	700	10	300	N	70	N	30	N	15	20	--	N	500	200	200
SH05652	10	1,000	15	N	N	70	N	30	N	15	150	N	N	500	1,000	300
SH05653	N	500	20	N	N	70	N	20	N	20	70	N	N	150	200	500
SH05655	10	500	10	500	N	70	N	30	N	15	20	N	N	500	<100	150
SH05656	10	1,000	30	N	N	70	N	20	N	15	150	N	N	1,000	1,500	150
SH05657	N	300	15	N	10	100	N	30	N	15	50	200	N	300	1,000	200
SH05658	N	200	10	N	N	70	N	20	N	15	50	N	N	200	300	300
SH05659	N	300	10	N	N	50	N	30	N	15	20	N	N	150	<100	500
SH05660	N	150	10	N	N	70	N	50	N	15	30	N	N	150	300	200
SH05661	30	200	15	70	N	70	N	50	N	15	50	300	N	300	500	300
SH05662	10	700	10	500	N	50	N	30	N	15	20	200	N	500	<100	150
SH05663	N	300	<10	1,000	N	N	N	20	N	15	N	500	N	50	N	700
SH05664	N	50	<10	1,500	N	N	N	<20	N	15	N	200	N	<20	N	500
SH05665	N	200	10	N	N	70	N	20	N	15	70	N	N	200	200	700
SH05666	10	500	10	300	N	70	N	30	N	15	50	200	N	200	100	200
SH05667	N	100	<10	N	N	70	N	30	N	30	<20	200	N	150	300	150
SH05668	<10	1,000	10	700	N	50	N	30	N	15	30	<200	N	200	150	300
SH05669	<10	100	<10	700	N	70	10	30	N	20	20	200	N	100	500	150
SH05672	N	200	<10	200	N	70	N	30	N	10	N	N	N	50	N	500
SH05673	20	150	10	N	N	N	N	50	N	15	N	N	N	150	N	700
SH05674	N	150	<10	500	N	<50	N	20	N	15	N	500	<200	50	200	300
SH05675	N	70	N	150	<10	<50	N	20	N	15	<20	N	300	70	200	300
SH05676	10	150	<10	N	N	50	N	30	N	15	N	N	N	100	100	700
SH05677	10	500	70	150	N	N	N	30	N	15	150	--	N	200	N	500
SH05681	10	300	10	300	N	70	N	30	N	15	20	200	N	200	N	150
SH05682	15	300	15	150	N	50	N	50	N	15	30	300	N	500	100	500
SH05684	10	150	15	N	N	70	N	1,500	N	15	20	200	N	150	200	100
SH05686	20	1,000	15	200	N	100	N	30	N	15	20	200	N	300	<100	200
SH05687	N	100	10	N	N	50	N	30	N	15	<20	200	N	150	150	150
SH05689	15	300	15	200	10	70	N	50	N	20	30	200	<200	700	200	200
SH05690	10	200	15	N	30	50	N	30	N	15	20	200	N	300	2,000	200
SH05691	30	200	30	50	N	100	N	50	N	20	50	N	N	100	N	150
SH05702	N	20	<10	700	N	70	N	70	N	15	200	N	500	150	N	1,000
SH05704	N	20	70	700	N	50	N	30	N	20	150	N	200	70	N	700
SH05706	N	20	N	300	N	50	N	50	N	15	50	N	1,500	100	N	700
SH05707	N	30	10	1,000	N	70	N	150	N	15	50	N	300	300	N	1,000
SH05712	N	20	N	1,500	N	50	N	50	N	15	30	<200	<200	70	N	500
SH05714	N	N	<10	1,000	N	70	N	30	N	<10	200	N	300	100	N	500
SH05715	N	20	<10	300	N	100	N	50	N	15	2,000	N	700	50	N	1,000
SH05717	N	50	N	150	N	50	N	30	N	15	200	N	300	70	100	1,000
SH05718	N	50	N	200	N	70	N	30	N	15	200	N	N	100	N	500
SH05719	N	20	N	150	N	50	N	30	N	15	1,500	N	200	50	<100	300
SH05724	N	50	<10	500	20	<50	N	100	N	15	>2,000	N	<200	70	100	700
SH05726	N	70	<10	70	N	<50	N	30	N	10	<20	N	N	100	N	50

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05645	N	>2,000
SH05646	N	>2,000
SH05647	N	>2,000
SH05648	N	>2,000
SH05649	N	>2,000
SH05650	N	>2,000
SH05651	N	>2,000
SH05652	N	>2,000
SH05653	N	>2,000
SH05655	N	>2,000
SH05656	N	>2,000
SH05657	N	>2,000
SH05658	N	>2,000
SH05659	N	>2,000
SH05660	N	>2,000
SH05661	N	>2,000
SH05662	N	>2,000
SH05663	N	>2,000
SH05664	N	>2,000
SH05665	N	>2,000
SH05666	N	>2,000
SH05667	N	>2,000
SH05668	N	>2,000
SH05669	N	>2,000
SH05672	N	>2,000
SH05673	N	>2,000
SH05674	N	>2,000
SH05675	N	>2,000
SH05676	N	>2,000
SH05677	N	>2,000
SH05681	N	>2,000
SH05682	N	>2,000
SH05684	N	>2,000
SH05686	N	>2,000
SH05687	N	>2,000
SH05689	N	>2,000
SH05690	N	>2,000
SH05691	N	>2,000
SH05702	N	>2,000
SH05704	N	>2,000
SH05706	N	>2,000
SH05707	N	>2,000
SH05712	N	>2,000
SH05714	N	>2,000
SH05715	N	>2,000
SH05717	N	>2,000
SH05718	N	>2,000
SH05719	N	>2,000
SH05724	N	>2,000
SH05726	N	2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05727	44 16 0	71 16 41	81	.70	.05	1.00	2.0	200	N	N	N	70	70	10	N
SH05729	44 15 47	71 16 36	81	.70	.05	1.00	2.0	300	N	N	N	100	70	20	N
SH05730	44 29 5	71 15 21	81	.70	<.05	5.00	>2.0	300	N	N	N	20	100	2	N
SH05732	44 27 57	71 15 2	81	.20	.05	7.00	>2.0	500	N	N	N	N	50	N	N
SH05733	44 27 47	71 15 12	81	.30	<.05	1.50	>2.0	200	N	N	N	N	<50	<2	N
SH05734	44 27 57	71 15 13	81	.50	<.05	5.00	>2.0	300	N	N	N	N	50	5	N
SH05735	44 3 25	71 30 24	81	<.10	N	<.10	.1	200	N	N	N	N	N	2	N
SH05737	44 38 59	71 6 56	81	.30	.07	2.00	>2.0	300	N	N	N	<20	50	7	N
SH05739	44 39 7	71 6 34	81	.30	.07	1.50	>2.0	300	N	N	N	50	150	2	N
SH05742	44 38 50	71 8 38	81	.30	.05	.20	1.5	200	N	N	N	N	150	5	N
SH05743	44 0 19	71 25 28	81	.20	<.05	.10	1.0	150	N	N	N	70	50	2	N
SH05744	44 1 49	71 32 10	81	.15	<.05	<.10	1.5	200	N	N	N	N	50	<2	N
SH05745	44 1 21	71 31 59	81	.20	<.05	<.10	2.0	200	N	N	N	30	70	N	N
SH05746	44 1 22	71 32 1	81	.30	<.05	.10	2.0	300	N	N	N	50	50	2	N
SH05747	44 3 33	71 30 1	81	.15	<.05	<.10	.2	300	N	N	N	70	N	5	100
SH05749	44 56 39	71 34 3	81	.15	.20	5.00	>2.0	300	N	N	N	70	150	N	N
SH05750	44 56 44	71 34 5	81	.20	.20	5.00	>2.0	300	N	N	N	30	100	N	N
SH05751	44 56 39	71 33 59	81	.20	.20	5.00	>2.0	500	N	N	N	100	100	N	N
SH05752	44 56 16	71 32 45	81	.10	.30	7.00	>2.0	500	N	N	N	70	150	N	N
SH05754	44 55 48	71 32 31	81	.15	.15	1.00	>2.0	200	N	N	N	300	100	N	N
SH05755	44 55 37	71 32 2	81	.20	.10	5.00	>2.0	300	N	N	N	70	100	<2	N
SH05757	44 56 14	71 31 33	81	1.00	.50	15.00	>2.0	500	N	N	N	300	150	2	N
SH05760	44 58 51	71 33 14	81	.20	.10	3.00	>2.0	300	N	N	N	50	100	N	N
SH05761	44 58 25	71 30 58	81	.30	1.00	1.50	>2.0	500	N	N	N	200	1,000	N	N
SH05762	44 58 16	71 30 48	81	.20	.10	1.00	>2.0	200	N	N	N	70	100	N	N
SH05763	44 56 58	71 30 44	81	.70	.30	2.00	>2.0	500	N	N	N	200	150	N	<20
SH05764	44 55 32	71 30 30	81	.50	.50	10.00	>2.0	500	N	N	N	200	100	2	N
SH05765	44 56 22	71 30 47	81	.70	.30	1.00	>2.0	300	N	N	N	1,000	100	N	N
SH05766	44 55 14	71 29 44	81	.50	.50	7.00	>2.0	300	N	N	N	300	200	N	N
SH05769	44 54 52	71 28 14	81	.30	.10	3.00	>2.0	300	N	N	N	50	100	N	N
SH05771	44 55 56	71 27 26	81	.50	.20	10.00	>2.0	300	N	N	N	100	200	<2	N
SH05772	44 58 14	71 26 28	81	.70	.10	5.00	>2.0	150	N	N	N	70	100	<2	100
SH05773	44 58 14	71 26 44	81	.30	.15	7.00	>2.0	500	N	N	N	50	500	N	N
SH05774	44 58 42	71 25 1	81	.70	.10	7.00	>2.0	200	N	N	N	70	100	<2	N
SH05775	44 58 26	71 25 7	81	.20	.10	5.00	>2.0	200	N	N	N	100	100	N	N
SH05776	44 57 7	71 26 23	81	.50	.10	7.00	>2.0	200	N	N	N	50	100	N	50
SH05777	44 57 4	71 25 28	81	.70	.20	10.00	>2.0	300	N	N	N	50	100	N	N
SH05779	44 56 49	71 23 55	81	.70	.50	1.50	>2.0	300	N	N	N	300	100	N	N
SH05780	44 56 22	71 22 30	81	.50	.50	10.00	>2.0	300	N	N	N	50	<50	N	N
SH05781	44 54 39	71 22 47	81	.30	.50	10.00	>2.0	500	N	N	N	20	50	N	N
SH05782	44 54 2	71 23 56	81	.50	.07	1.00	>2.0	150	N	N	N	70	150	2	N
SH05783	44 53 42	71 27 10	81	.50	.30	7.00	>2.0	500	N	N	N	100	50	N	N
SH05784	44 55 5	71 27 22	81	.50	.20	7.00	>2.0	300	N	N	N	70	100	N	N
SH05785	44 54 37	71 34 24	81	.30	.20	3.00	>2.0	500	N	N	N	500	100	N	70
SH05786	44 54 38	71 34 14	81	.15	.10	7.00	>2.0	200	N	N	N	50	100	N	N
SH05788	44 54 56	71 33 32	81	<.10	.05	1.00	>2.0	150	N	N	N	70	100	N	N
SH05791	44 54 54	71 32 22	81	.50	.50	5.00	>2.0	700	N	N	N	1,000	150	N	N
SH05792	44 54 47	71 31 41	81	.50	.20	2.00	>2.0	500	N	N	N	150	100	N	N
SH05793	44 54 48	71 31 42	81	.20	.10	2.00	>2.0	300	N	N	N	100	100	N	N
SH05794	44 57 16	71 35 48	81	.30	.07	1.00	>2.0	200	N	N	N	50	70	N	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05727	N	70	15	<50	N	<50	N	20	N	10	N	N	N	100	N	70
SH05729	N	70	N	50	N	<50	N	30	N	10	N	N	N	150	N	100
SH05730	N	20	10	700	15	70	N	30	N	20	>2,000	N	700	50	150	1,000
SH05732	N	30	10	2,000	N	70	N	100	N	20	500	N	200	70	N	1,000
SH05733	N	20	<10	>2,000	N	50	N	70	N	20	700	N	700	50	N	1,000
SH05734	N	20	15	1,000	N	<50	N	100	N	20	1,500	N	1,500	70	N	>5,000
SH05735	N	N	N	N	N	70	N	<20	N	N	>2,000	N	N	N	N	20
SH05737	N	100	10	150	N	<50	N	50	N	15	>2,000	N	200	150	300	300
SH05739	N	30	N	100	10	<50	N	20	N	15	1,000	N	N	100	700	50
SH05742	N	20	N	50	N	N	N	50	N	10	1,000	N	N	30	N	30
SH05743	<10	30	<10	200	N	100	<10	30	N	30	>2,000	N	2,000	50	100	1,000
SH05744	N	N	N	500	N	150	<10	50	N	20	>2,000	N	1,000	N	N	1,000
SH05745	N	N	N	500	N	200	<10	70	N	20	>2,000	N	500	N	<100	2,000
SH05746	N	N	N	2,000	N	100	<10	150	N	20	>2,000	N	1,000	20	<100	3,000
SH05747	N	<20	N	1,500	N	300	<10	30	N	20	>2,000	N	700	N	<100	300
SH05749	<10	200	20	N	N	100	N	30	N	<10	30	N	N	150	700	150
SH05750	10	300	20	N	N	70	N	20	N	20	20	N	N	200	700	150
SH05751	<10	200	15	N	N	70	N	30	N	15	50	200	N	300	500	200
SH05752	N	300	15	N	N	70	<10	30	N	15	30	N	N	150	N	300
SH05754	N	200	15	N	N	70	N	30	N	<10	20	N	N	150	N	150
SH05755	N	200	<10	N	<10	70	<10	20	N	<10	20	300	N	100	700	200
SH05757	10	500	15	200	N	70	N	30	N	<10	300	300	N	200	200	200
SH05760	<10	200	20	N	N	70	N	30	N	20	2,000	N	N	150	1,000	200
SH05761	15	5,000	15	2,000	N	70	N	70	N	15	<20	--	N	500	N	150
SH05762	<10	200	20	N	N	70	N	30	N	20	70	N	N	300	150	200
SH05763	10	300	15	150	N	100	N	5,000	N	15	70	200	N	300	200	200
SH05764	10	200	10	150	N	70	N	50	N	15	30	200	N	150	N	150
SH05765	15	300	15	150	N	70	N	70	N	15	N	300	N	100	100	100
SH05766	30	200	30	300	N	70	N	30	N	15	N	300	N	700	N	200
SH05769	N	100	10	N	N	70	N	50	N	30	<20	300	N	150	200	150
SH05771	N	150	<10	50	N	50	N	30	N	30	100	500	N	100	N	300
SH05772	<10	150	16	N	N	70	N	700	N	20	700	300	N	200	N	200
SH05773	10	150	15	50	N	70	N	30	N	15	N	300	N	100	N	200
SH05774	<10	100	<10	N	N	70	N	700	N	<10	<20	300	N	200	N	300
SH05775	<10	200	15	N	N	100	N	20	N	N	N	N	N	200	<100	300
SH05776	30	70	30	N	N	70	15	2,000	N	10	N	500	N	150	100	200
SH05777	10	200	20	300	N	50	N	150	N	15	70	500	N	300	N	300
SH05779	70	300	50	150	N	100	N	50	N	20	N	200	N	700	N	150
SH05780	10	200	15	N	N	70	N	30	N	<10	20	200	N	300	N	200
SH05781	15	200	15	N	N	100	N	30	N	<10	<20	300	N	1,000	N	150
SH05782	20	150	10	N	N	100	N	50	N	20	20	200	N	300	500	100
SH05783	30	1,500	10	100	N	70	<10	30	N	15	20	300	N	200	500	200
SH05784	20	150	20	100	N	70	15	300	N	15	30	300	N	300	<100	150
SH05785	10	200	15	700	N	<50	N	50	N	15	50	200	N	200	1,500	200
SH05786	15	200	15	N	N	50	N	30	N	20	50	N	N	100	200	200
SH05788	N	100	<10	100	N	<50	N	20	N	15	N	N	N	70	300	500
SH05791	<10	500	10	700	N	200	N	70	N	15	50	300	N	300	100	300
SH05792	10	200	15	N	N	70	N	30	N	15	30	N	N	500	<100	300
SH05793	N	200	20	100	N	100	N	30	N	10	200	<200	N	150	1,000	300
SH05794	30	100	20	N	N	50	20	50	N	15	500	N	N	100	300	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05727	N	>2,000
SH05729	N	>2,000
SH05730	N	>2,000
SH05732	N	>2,000
SH05733	N	>2,000
SH05734	N	>2,000
SH05735	N	2,000
SH05737	N	>2,000
SH05739	N	>2,000
SH05742	N	>2,000
SH05743	N	>2,000
SH05744	N	>2,000
SH05745	N	>2,000
SH05746	N	>2,000
SH05747	N	>2,000
SH05749	N	>2,000
SH05750	N	>2,000
SH05751	N	>2,000
SH05752	N	>2,000
SH05754	N	>2,000
SH05755	N	>2,000
SH05757	N	>2,000
SH05760	N	>2,000
SH05761	N	>2,000
SH05762	N	>2,000
SH05763	N	>2,000
SH05764	N	>2,000
SH05765	N	1,500
SH05766	N	>2,000
SH05769	N	>2,000
SH05771	N	>2,000
SH05772	N	>2,000
SH05773	N	>2,000
SH05774	N	1,500
SH05775	N	>2,000
SH05776	N	>2,000
SH05777	N	>2,000
SH05779	N	>2,000
SH05780	N	1,500
SH05781	N	>2,000
SH05782	N	2,000
SH05783	N	2,000
SH05784	N	1,500
SH05785	N	>2,000
SH05786	N	>2,000
SH05788	N	>2,000
SH05791	N	>2,000
SH05792	N	>2,000
SH05793	700	>2,000
SH05794	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH05795	44 57 14	71 35 45	81	.70	.20	3.00	>2.0	500	N	N	N	200	100	N	N
SH05796	44 58 1	71 35 3	81	.20	.15	1.50	>2.0	200	N	N	N	50	150	N	N
SH05797	44 58 8	71 35 16	81	.50	.50	5.00	>2.0	500	N	N	N	50	100	<2	N
SH05798	44 58 33	71 34 35	81	.15	1.00	5.00	>2.0	300	N	N	N	30	100	N	N
SH05800	44 58 54	71 33 20	81	.10	.10	2.00	>2.0	200	N	N	N	50	70	2	N
SH05801	44 55 20	71 26 37	81	.70	.70	7.00	>2.0	500	N	N	N	200	100	N	N
SH05802	44 55 27	71 26 40	81	.50	.70	3.00	>2.0	700	N	N	N	500	1,000	N	N
SH05809	44 52 41	71 25 31	81	2.00	.20	10.00	>2.0	300	N	N	N	200	100	N	N
SH05810	44 52 27	71 23 48	81	.50	.70	10.00	>2.0	500	N	N	N	200	100	N	N
SH05914	44 47 50	71 20 46	82	.70	.07	1.50	>2.0	200	N	N	N	70	100	2	N
SH05917	44 44 40	71 18 56	82	.20	.05	5.00	>2.0	300	N	N	N	200	100	2	N
SH06019	44 59 29	71 48 27	82	.30	.15	.10	>2.0	100	N	N	N	N	50	N	N
SH06022	44 58 58	71 49 24	82	.70	.70	3.00	>2.0	300	N	N	N	100	70	N	N
SH06028	44 55 37	71 20 42	82	.70	.10	5.00	>2.0	200	2.0	N	N	50	<50	N	<20
SH06032	44 54 17	71 21 16	82	.10	<.05	5.00	>2.0	150	N	N	N	30	70	N	N
SH06036	44 53 13	71 21 29	82	.15	.07	1.00	>2.0	200	N	N	N	30	100	N	N
SH06039	44 52 0	71 22 21	82	.20	.15	7.00	>2.0	300	N	N	N	100	100	N	N
SH06046	44 52 4	71 20 27	82	.15	.05	2.00	>2.0	300	N	N	N	150	100	<2	N
SH06048	44 52 54	71 17 51	82	.30	.07	5.00	>2.0	300	N	N	N	100	50	2	N
SH06103	44 52 57	71 53 39	82	1.00	.20	2.00	>2.0	500	N	N	N	100	N	N	N
SH06108	44 57 1	71 50 30	82	<.10	<.05	5.00	>2.0	150	N	N	N	N	50	<2	150
SH06114	44 28 16	71 56 51	82	.30	.70	7.00	2.0	150	N	N	N	100	70	50	N
SH06123	44 21 17	71 54 20	82	.20	.20	2.00	2.0	200	N	N	N	70	N	3	N
SH06127	44 21 54	71 50 50	82	.70	.10	5.00	>2.0	500	N	N	N	50	50	2	N
SH06144	44 31 11	71 55 29	82	.50	.70	7.00	>2.0	300	N	N	N	70	50	2	N
SH06149	44 32 22	71 56 18	82	.30	.50	3.00	>2.0	200	N	N	N	100	<50	7	N
SH06157	44 28 39	71 39 5	82	.50	.07	5.00	>2.0	200	N	N	N	70	50	3	N
SH06159	44 29 31	71 43 44	82	.15	.05	1.00	>2.0	200	N	N	N	N	70	<2	N
SH06160	44 27 49	71 42 15	82	.30	.05	7.00	>2.0	300	N	N	N	70	100	<2	1,000
SH06164	44 25 34	71 41 26	82	.15	.20	3.00	>2.0	200	N	N	N	70	50	3	N
SH06169	44 36 41	71 52 44	82	<.10	<.05	5.00	>2.0	200	N	N	N	50	70	10	N
SH06175	44 36 49	71 47 17	82	.10	.05	1.50	>2.0	200	N	N	N	70	50	2	150
SH06179	44 38 44	71 48 13	82	1.50	.05	1.00	>2.0	200	N	N	N	30	N	2	N
SH06182	44 38 41	71 49 39	82	.20	<.05	1.50	>2.0	300	N	N	N	30	50	30	N
SH06183	44 34 57	71 46 40	82	.15	.05	1.00	>2.0	150	N	N	N	50	70	<2	700
SH06190	44 32 35	71 51 27	82	.10	.30	1.50	2.0	150	N	N	N	50	<50	3	N
SH06196	44 33 17	71 36 14	82	.15	.05	1.50	>2.0	300	5.0	N	50	30	100	2	500
SH06197	44 35 28	71 55 3	82	.70	.70	10.00	>2.0	700	N	N	N	150	70	5	<20
SH06198	44 34 0	71 47 41	82	<.10	.05	3.00	>2.0	200	N	N	N	N	50	N	N
SH06204	44 28 21	71 53 59	82	.50	1.00	5.00	1.5	300	N	N	N	200	<50	10	N
SH06220	44 28 15	71 47 15	82	<.10	<.05	5.00	>2.0	150	N	N	N	50	70	3	N
SH06224	44 28 21	71 53 55	82	5.00	.07	2.00	>2.0	150	N	N	N	20	N	<2	N
SH06233	44 35 33	71 53 5	82	.70	1.00	5.00	1.5	500	N	N	N	70	50	50	N
SH06246	44 41 41	71 38 38	82	.20	.05	.50	1.5	150	N	N	N	50	N	5	N
SH06253	44 41 35	71 40 38	82	.15	.05	1.00	>2.0	150	N	N	N	100	70	3	N
SH06254	44 42 3	71 40 46	82	.50	.50	5.00	>2.0	1,000	N	N	N	70	150	3	N
SH06256	44 42 39	71 44 11	82	<.10	.05	.50	>2.0	100	N	N	N	N	N	20	N
SH06257	44 41 0	71 45 55	82	.30	.05	2.00	>2.0	200	N	N	N	50	50	2	2,000
SH06259	44 40 40	71 43 24	82	.10	.05	1.00	>2.0	200	N	N	N	N	70	<2	N
SH06264	44 43 34	71 39 44	82	1.00	.70	2.00	>2.0	2,000	N	N	N	100	150	7	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH05795	20	1,000	20	150	N	100	N	30	N	15	20	200	N	200	150	200
SH05796	<10	300	20	N	N	70	N	20	N	20	<20	N	N	150	500	200
SH05797	10	3,000	10	300	N	50	10	30	N	20	20	N	N	100	500	200
SH05798	15	200	<10	N	N	70	N	50	N	15	30	300	N	200	100	200
SH05800	N	200	10	N	N	50	N	30	N	15	20	<200	N	150	500	300
SH05801	15	300	15	50	N	70	N	30	N	<10	<20	200	N	200	700	150
SH05802	15	3,000	15	200	N	70	N	50	N	20	<20	--	N	300	<100	200
SH05809	N	200	10	70	10	100	N	30	N	20	30	300	N	200	<100	300
SH05810	15	300	10	70	N	100	N	50	N	15	20	500	N	300	200	300
SH05914	N	150	<10	70	N	N	N	50	N	N	70	N	N	150	100	150
SH05917	N	70	<10	150	N	N	N	20	N	15	50	N	N	100	300	200
SH06019	N	500	20	50	N	<50	N	20	N	20	N	N	N	200	<100	500
SH06022	10	700	30	1,000	N	N	N	30	N	20	20	N	N	100	N	500
SH06028	15	100	30	N	N	N	20	700	N	10	N	200	N	150	N	200
SH06032	N	30	N	N	N	50	N	100	N	20	N	300	N	150	N	200
SH06036	<10	100	10	N	N	50	N	50	N	15	N	200	N	200	N	200
SH06039	N	150	15	100	N	<50	N	700	N	20	<20	200	N	200	700	300
SH06046	N	70	70	N	N	N	N	150	N	20	200	N	N	700	500	200
SH06048	N	30	10	N	N	N	N	N	N	10	N	N	N	100	N	200
SH06103	N	300	10	200	N	N	N	30	N	70	30	N	N	100	100	500
SH06108	N	70	<10	50	N	N	N	<20	N	15	20	N	N	70	<100	300
SH06114	N	300	50	N	N	50	N	700	N	15	150	300	N	200	150	150
SH06123	N	30	N	N	N	N	N	<20	N	N	<20	200	N	30	200	30
SH06127	N	150	<10	150	N	<50	N	30	N	20	50	500	300	150	500	200
SH06144	N	300	10	N	N	<50	N	1,000	N	<10	1,000	700	N	200	300	300
SH06149	N	300	<10	N	N	50	N	30	N	10	100	500	N	150	200	150
SH06157	N	150	<10	150	N	N	N	30	N	15	30	N	N	100	200	300
SH06159	<10	150	10	150	N	<50	N	50	N	20	70	N	200	300	300	300
SH06160	N	200	100	500	N	70	N	300	N	70	100	N	N	300	500	500
SH06164	N	100	<10	200	N	N	N	20	N	N	30	N	N	100	N	200
SH06169	N	150	<10	70	N	N	N	70	N	15	30	N	500	150	300	500
SH06175	<10	70	10	70	N	N	N	30	N	15	20	N	N	100	500	300
SH06179	30	50	50	N	N	N	15	30	N	15	30	N	200	150	500	100
SH06182	N	50	20	N	N	<50	N	20	N	100	<20	N	300	50	200	500
SH06183	N	100	1,000	70	N	N	N	500	N	15	500	N	N	200	300	300
SH06190	N	30	N	N	N	50	N	N	N	N	<20	300	N	50	<100	100
SH06196	N	150	10	70	15	N	N	30	N	15	20	N	N	100	500	500
SH06197	N	150	10	70	N	50	N	70	N	50	200	2,000	N	200	300	500
SH06198	N	70	<10	70	N	50	N	30	N	15	50	200	200	150	N	300
SH06204	<10	70	N	N	N	<50	N	20	N	N	50	300	N	100	150	100
SH06220	N	30	<10	70	N	N	N	<20	N	10	20	200	N	70	N	70
SH06224	15	50	10	50	N	N	50	30	N	20	N	200	N	50	N	200
SH06233	N	150	<10	50	N	200	N	30	N	30	150	500	N	150	500	150
SH06246	N	200	10	50	N	N	N	30	N	20	20	N	N	100	<100	100
SH06253	N	100	<10	50	N	N	N	30	N	15	20	N	N	150	100	200
SH06254	N	500	<10	200	<10	N	N	50	N	15	70	N	N	200	N	700
SH06256	N	20	N	N	N	N	N	N	N	20	N	N	N	30	200	50
SH06257	15	100	15	150	N	N	N	300	N	50	30	N	N	200	150	700
SH06259	<10	150	10	100	N	N	N	30	N	15	30	N	N	100	300	300
SH06264	N	150	10	300	<10	70	N	200	N	15	100	N	N	150	700	500

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Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH05795	N	>2,000
SH05796	N	>2,000
SH05797	N	>2,000
SH05798	N	>2,000
SH05800	N	>2,000
SH05801	N	1,000
SH05802	N	>2,000
SH05809	N	>2,000
SH05810	N	2,000
SH05914	N	2,000
SH05917	N	>2,000
SH06019	N	>2,000
SH06022	N	>2,000
SH06028	N	2,000
SH06032	N	>2,000
SH06036	N	>2,000
SH06039	N	>2,000
SH06046	2,000	>2,000
SH06048	N	1,500
SH06103	N	>2,000
SH06108	N	>2,000
SH06114	N	>2,000
SH06123	N	2,000
SH06127	N	>2,000
SH06144	N	1,500
SH06149	N	>2,000
SH06157	N	>2,000
SH06159	N	>2,000
SH06160	N	>2,000
SH06164	N	2,000
SH06169	N	>2,000
SH06175	N	>2,000
SH06179	N	>2,000
SH06182	N	>2,000
SH06183	N	>2,000
SH06190	N	>2,000
SH06196	N	>2,000
SH06197	N	>2,000
SH06198	N	>2,000
SH06204	N	1,500
SH06220	N	>2,000
SH06224	N	>2,000
SH06233	N	>2,000
SH06246	N	1,500
SH06253	N	>2,000
SH06254	N	>2,000
SH06256	N	>2,000
SH06257	N	>2,000
SH06259	N	>2,000
SH06264	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH06268	44 39 26	71 35 38	82	1.00	.05	1.00	>2.0	200	N	N	N	30	100	5	1,500
SH06269	44 39 33	71 35 42	82	.15	.05	.50	2.0	200	N	N	N	50	50	3	N
SH06273	44 33 28	71 36 58	82	.20	<.05	1.00	1.0	300	N	N	N	N	<50	3	N
SH06276	44 59 16	71 43 34	82	.50	.05	.70	>2.0	150	N	N	N	50	<50	N	N
SH06279	44 57 49	71 43 30	82	.10	.05	1.50	>2.0	150	N	N	N	50	500	N	N
SH06281	44 56 39	71 41 33	82	1.00	.10	3.00	2.0	3,000	N	N	N	50	200	3	N
SH06299	44 44 3	71 52 35	82	.15	<.05	.50	>2.0	200	N	N	N	100	50	2	N
SH06300	44 44 9	71 52 58	82	1.00	.30	3.00	>2.0	700	N	N	N	70	50	N	N
SH06304	44 46 21	71 54 21	82	.50	.20	5.00	>2.0	300	N	N	N	1,000	70	N	N
SH06311	44 48 19	71 55 47	82	2.00	.05	3.00	>2.0	300	N	N	N	70	N	N	N
SH06312	44 48 56	71 58 4	82	.10	.05	1.50	>2.0	200	10.0	N	200	20	70	2	N
SH06314	44 48 18	71 59 25	82	.15	<.05	1.00	>2.0	300	N	N	N	50	<50	N	N
SH06322	44 47 7	71 52 11	82	.50	.50	5.00	>2.0	300	N	N	N	50	50	N	N
SH06327	44 45 48	71 49 51	82	.20	.50	1.50	>2.0	200	N	N	N	300	50	N	N
SH06329	44 46 25	71 48 51	82	.15	.20	2.00	>2.0	300	N	N	N	N	50	N	N
SH06332	44 59 31	71 57 27	82	.20	<.05	.50	>2.0	200	N	N	N	30	N	N	N
SH06336	44 58 52	71 59 54	82	.70	1.00	3.00	>2.0	500	N	N	N	200	100	N	20
SH06339	44 57 6	71 59 22	82	3.00	.50	3.00	>2.0	300	N	N	N	70	70	<2	N
SH06340	44 56 6	71 58 24	82	.15	<.05	1.50	1.0	150	N	N	N	50	N	N	N
SH06345	44 54 49	71 58 44	82	.70	.15	3.00	>2.0	300	N	N	N	200	50	N	N
SH06358	44 56 23	71 53 5	82	.20	.05	5.00	>2.0	1,000	N	N	N	150	<50	N	N
SH06359	44 56 23	71 53 14	82	.70	.50	1.50	>2.0	500	N	N	N	50	N	N	N
SH06364	44 46 16	71 25 36	82	.20	.10	1.50	>2.0	200	N	N	N	300	50	3	30
SH06365	44 46 17	71 25 32	82	.20	.10	3.00	>2.0	300	N	N	N	200	100	3	200
SH06366	44 45 50	71 20 42	82	.20	.05	1.50	2.0	200	N	N	N	200	50	2	N
SH06373	44 44 23	71 24 41	82	.20	.05	7.00	>2.0	700	N	N	N	30	200	N	N
SH06395	44 50 19	71 28 34	82	.50	.10	3.00	>2.0	200	N	N	N	70	100	7	N
SH06396	44 49 47	71 27 32	82	.30	.07	7.00	2.0	300	N	N	N	100	150	2	N
SH06397	44 49 46	71 27 22	82	.50	.20	3.00	>2.0	500	N	N	N	300	70	2	N
SH06398	44 49 50	71 27 11	82	.15	.10	1.00	>2.0	200	N	N	N	200	50	N	N
SH06401	44 32 19	71 43 52	82	.15	.07	3.00	>2.0	200	N	N	N	50	70	3	500
SH06406	44 34 29	71 44 20	82	.20	<.05	.70	>2.0	50	N	N	N	N	100	3	100
SH06407	44 34 35	71 40 35	82	<.10	<.05	1.00	>2.0	150	N	N	N	N	<50	N	N
SH06410	44 36 55	71 36 11	82	.20	.05	2.00	>2.0	500	N	N	N	50	50	N	N
SH06413	44 36 33	71 37 3	82	.15	.20	2.00	2.0	150	N	N	N	N	<50	N	300
SH06417	44 35 47	71 40 48	82	.15	.15	5.00	>2.0	300	N	N	N	50	50	N	N
SH06419	44 35 46	71 40 39	82	.20	.20	3.00	>2.0	500	N	N	N	150	70	<2	N
SH06421	44 37 23	71 42 23	82	<.10	.05	3.00	>2.0	200	N	N	N	70	50	2	N
SH06423	44 36 57	71 42 37	82	.50	.20	3.00	>2.0	200	N	N	N	70	70	2	N
SH06424	44 36 30	71 42 29	82	.50	.10	3.00	>2.0	700	N	N	N	50	50	3	N
SH06426	44 38 54	71 43 37	82	.50	.30	5.00	>2.0	500	15.0	N	N	50	50	N	N
SH06429	44 40 58	71 45 48	82	.10	<.05	1.50	>2.0	150	N	N	N	N	100	N	200
SH06432	44 38 54	71 41 8	82	.15	.05	1.00	>2.0	200	N	N	N	150	70	3	>2,000
SH06433	44 33 21	71 51 1	82	.20	.20	5.00	>2.0	200	N	N	N	50	50	50	1,500
SH06434	44 32 50	71 52 55	82	.50	.50	5.00	>2.0	300	N	N	N	50	50	20	N
SH06436	44 38 7	71 53 42	82	1.00	2.00	7.00	1.5	500	N	N	N	70	100	10	N
SH06440	44 38 38	71 52 22	82	.10	<.05	1.50	>2.0	100	N	N	N	30	150	N	N
SH06441	44 40 16	71 52 59	82	.20	.05	.70	>2.0	300	N	N	N	300	70	3	N
SH06443	44 41 37	71 50 49	82	.50	.30	7.00	>2.0	500	N	N	N	50	150	2	N
SH06448	44 40 28	71 53 45	82	.20	.20	7.00	>2.0	300	N	N	N	50	50	3	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH06268	10	150	10	50	<10	N	N	70	N	15	20	N	N	100	200	200
SH06269	N	70	N	70	N	<50	N	N	N	30	100	N	N	50	N	100
SH06273	N	20	N	N	N	N	20	N	N	10	20	N	N	30	300	50
SH06276	N	70	<10	150	N	N	N	30	N	15	N	N	N	30	N	200
SH06279	N	100	10	50	N	N	N	20	N	15	N	N	N	200	200	300
SH06281	N	70	<10	N	N	N	20	50	N	10	70	N	N	50	N	150
SH06299	N	70	10	200	N	N	N	20	N	15	20	<200	N	100	200	300
SH06300	10	1,500	20	100	N	50	N	20	N	15	20	200	N	300	<100	300
SH06304	N	500	20	500	N	100	N	30	N	20	70	N	N	100	500	300
SH06311	30	70	15	200	N	<50	N	<20	N	15	50	N	N	150	150	200
SH06312	10	50	15	100	N	70	N	300	N	20	70	N	N	300	300	200
SH06314	N	100	10	150	N	N	N	30	N	15	30	N	N	100	200	300
SH06322	<10	500	70	1,000	N	<50	N	30	N	70	100	N	N	100	N	500
SH06327	<10	70	50	150	15	<50	N	20	N	50	70	N	N	100	200	500
SH06329	<10	300	10	N	N	<50	N	50	N	20	70	N	N	150	100	500
SH06332	N	150	10	N	N	N	N	100	N	20	200	N	N	70	500	200
SH06336	10	500	70	50	N	N	15	2,000	N	20	>2,000	N	N	150	150	300
SH06339	20	1,000	50	100	N	N	50	50	N	20	N	N	N	70	N	700
SH06340	N	20	10	N	N	N	N	150	N	15	700	N	N	70	200	70
SH06345	N	500	70	50	N	50	N	500	N	20	500	N	N	100	300	300
SH06350	N	100	10	150	N	50	N	20	N	20	50	N	N	100	300	500
SH06359	N	500	<10	150	N	100	N	20	N	10	150	N	N	150	<100	70
SH06364	N	30	20	150	N	N	10	<20	N	20	20	N	N	50	<100	700
SH06365	N	100	<10	100	N	N	N	20	N	15	30	<200	N	50	<100	500
SH06366	N	70	70	200	N	N	N	30	N	70	100	N	<200	50	200	500
SH06373	N	150	<10	1,000	N	N	N	20	N	20	20	N	N	100	100	700
SH06395	N	70	10	N	N	N	N	20	N	15	20	<200	N	150	<100	500
SH06396	N	70	N	700	N	N	N	20	N	20	70	200	N	30	150	300
SH06397	N	100	<10	300	N	N	N	30	N	100	500	N	<200	50	100	700
SH06398	N	100	300	70	N	50	N	30	N	30	30	N	N	150	N	200
SH06401	20	100	10	100	N	N	N	30	N	15	200	N	N	100	200	300
SH06406	<10	20	<10	N	N	N	N	100	N	15	N	<200	N	50	700	50
SH06407	N	70	<10	50	N	N	N	N	N	70	<20	N	N	100	100	150
SH06410	N	150	10	300	N	<50	N	20	N	20	100	N	N	150	N	500
SH06413	N	150	15	150	N	N	N	30	N	20	30	N	N	100	200	700
SH06417	15	100	15	200	N	N	N	30	N	20	50	N	N	100	100	300
SH06419	N	200	15	200	N	<50	N	30	N	30	70	N	N	150	<100	500
SH06421	N	150	<10	50	N	N	N	30	N	15	30	N	N	100	150	200
SH06423	50	300	15	300	N	70	20	50	N	15	70	N	N	500	1,000	500
SH06424	N	150	10	200	N	N	N	30	N	50	70	N	N	200	<100	300
SH06426	<10	200	15	500	N	70	N	30	N	N	100	N	N	500	N	500
SH06429	N	70	10	150	N	N	N	20	N	15	<20	N	N	200	<100	300
SH06432	N	100	50	70	50	N	N	300	N	15	<20	N	N	150	700	300
SH06433	N	70	10	50	N	50	N	20	N	15	70	500	N	150	500	200
SH06434	<10	70	15	<50	N	70	N	30	N	15	100	700	N	150	200	200
SH06436	N	150	<10	<50	N	N	N	30	N	10	30	1,000	N	150	N	70
SH06440	N	150	10	50	N	N	N	50	N	20	150	N	700	100	100	500
SH06441	N	150	<10	150	N	<50	N	100	N	15	30	N	N	100	<100	200
SH06443	<10	200	15	150	N	N	N	1,000	N	70	50	200	500	200	100	500
SH06448	N	50	<10	N	N	50	N	20	N	N	70	500	N	150	500	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH06268	N	>2,000
SH06269	N	>2,000
SH06273	N	>2,000
SH06276	N	>2,000
SH06279	N	>2,000
SH06281	N	>2,000
SH06299	N	>2,000
SH06300	N	>2,000
SH06304	N	>2,000
SH06311	N	>2,000
SH06312	N	>2,000
SH06314	N	>2,000
SH06322	N	>2,000
SH06327	N	>2,000
SH06329	N	>2,000
SH06332	N	>2,000
SH06336	N	>2,000
SH06339	N	>2,000
SH06340	N	>2,000
SH06345	N	>2,000
SH06358	N	>2,000
SH06359	N	>2,000
SH06364	N	>2,000
SH06365	N	>2,000
SH06366	N	>2,000
SH06373	N	>2,000
SH06395	N	>2,000
SH06396	N	>2,000
SH06397	N	>2,000
SH06398	N	>2,000
SH06401	N	>2,000
SH06406	N	>2,000
SH06407	N	>2,000
SH06410	N	>2,000
SH06413	N	>2,000
SH06417	N	>2,000
SH06419	N	>2,000
SH06421	N	>2,000
SH06423	N	>2,000
SH06424	N	>2,000
SH06426	N	2,000
SH06429	N	>2,000
SH06432	N	>2,000
SH06433	N	>2,000
SH06434	N	>2,000
SH06436	N	70
SH06440	N	>2,000
SH06441	N	>2,000
SH06443	N	>2,000
SH06448	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH06449	44 43 37	71 55 34	82	.70	.50	7.00	>2.0	500	N	N	N	70	70	N	700
SH06454	44 39 11	71 56 30	82	.10	.10	2.00	>2.0	150	N	N	N	30	N	20	N
SH06460	44 34 50	71 59 26	82	.10	.10	5.00	>2.0	300	N	N	N	70	<50	3	30
SH06463	44 37 48	71 57 54	82	.15	.07	3.00	>2.0	150	N	N	N	30	<50	3	200
SH06468	44 43 9	71 57 31	82	.50	1.00	5.00	1.5	200	N	N	N	70	N	5	N
SH06481	44 46 51	71 46 2	82	<.10	<.05	.50	>2.0	150	N	N	N	30	<50	N	N
SH06490	44 50 14	71 49 59	82	.30	.10	2.00	>2.0	300	N	N	N	50	100	N	N
SH06497	44 52 39	71 49 12	82	1.00	<.05	1.50	>2.0	500	N	N	N	50	N	N	N
SH06498	44 52 42	71 49 7	82	2.00	.05	1.50	>2.0	200	N	N	N	30	50	N	N
SH06500	44 53 36	71 48 26	82	.20	.05	1.00	2.0	300	N	N	N	100	N	N	N
SH06605	44 54 5	71 46 46	82	.20	.05	1.50	>2.0	500	N	N	N	70	50	<2	300
SH06609	44 50 8	71 45 31	82	.20	.30	.70	>2.0	200	N	N	N	50	N	N	N
SH06610	44 51 56	71 46 34	82	.50	.05	3.00	>2.0	200	N	N	N	30	50	<2	N
SH06614	44 52 12	71 45 13	82	1.00	.15	7.00	>2.0	1,000	N	N	N	150	70	3	N
SH06616	44 53 29	71 43 32	82	.50	.05	1.00	>2.0	200	N	N	N	70	N	N	N
SH06617	44 54 17	71 43 59	82	.30	.07	3.00	>2.0	500	N	N	N	100	100	N	N
SH06618	44 54 16	71 44 18	82	.50	.20	5.00	>2.0	500	N	N	N	100	70	<2	1,000
SH06632	44 53 19	71 40 33	82	20.00	<.05	1.00	>2.0	500	N	1,000	N	50	50	3	N
SH06633	44 53 22	71 40 35	82	.30	.05	.20	>2.0	300	N	N	N	50	N	3	200
SH06634	44 52 18	71 41 3	82	3.00	.10	2.00	>2.0	500	5.0	N	N	200	50	10	50
SH06637	44 51 4	71 39 47	82	1.50	.10	3.00	>2.0	1,000	N	N	N	70	100	2	N
SH06642	44 48 44	71 39 46	82	.30	.10	2.00	>2.0	700	N	N	N	30	50	3	100
SH06650	44 43 10	71 45 6	82	.20	.20	3.00	>2.0	500	N	N	N	20	50	N	N
SH06656	44 44 45	71 40 57	82	.50	.05	1.00	>2.0	300	N	N	N	70	50	7	N
SH06658	44 44 34	71 41 56	82	.30	.07	3.00	>2.0	500	N	N	N	30	70	3	500
SH06659	44 43 46	71 42 9	82	.30	.10	2.00	>2.0	300	N	N	N	50	50	3	N
SH06661	44 46 1	71 43 9	82	.15	.07	1.50	>2.0	500	N	N	N	50	70	2	N
SH06663	44 46 37	71 40 19	82	.20	.10	2.00	>2.0	500	N	N	N	20	<50	<2	N
SH06666	44 46 35	71 38 54	82	.50	<.05	1.00	>2.0	300	N	N	N	50	70	100	500
SH06668	44 45 27	71 39 4	82	.20	.05	3.00	>2.0	200	N	N	N	70	50	2	N
SH06670	44 49 24	71 52 11	82	.50	.10	1.00	>2.0	200	N	N	N	70	<50	N	N
SH06674	44 52 58	71 52 31	82	.50	<.05	1.00	>2.0	300	N	N	N	30	70	N	100
SH06678	44 58 20	71 40 26	82	.20	.10	1.50	>2.0	300	N	N	N	N	100	N	300
SH06683	44 59 28	71 37 58	82	.50	.20	5.00	>2.0	1,000	N	N	N	70	150	2	N
SH06689	44 59 12	71 39 1	82	.20	.15	3.00	>2.0	500	N	N	N	200	100	N	N
SH06692	44 56 16	71 14 8	82	.70	.15	5.00	>2.0	300	1.5	2,000	N	70	<50	<2	N
SH06695	44 54 9	71 15 26	82	.70	.10	1.50	>2.0	100	70.0	N	70	20	70	N	N
SH06696	44 54 15	71 15 31	82	.30	.10	3.00	>2.0	200	N	N	N	50	50	N	N
SH06697	44 53 33	71 13 20	82	.20	.20	1.50	>2.0	200	N	N	N	30	50	N	N
SH06698	44 52 27	71 12 43	82	.15	.10	5.00	>2.0	200	N	N	N	100	N	2	N
SH06699	44 52 43	71 12 53	82	.70	.15	2.00	>2.0	500	N	N	N	100	50	N	N
SH06714	44 59 53	71 29 2	82	.15	<.05	.10	>2.0	<20	N	N	N	50	N	N	N
SH06715	44 59 42	71 28 43	82	.20	.07	2.00	>2.0	300	N	N	N	50	70	N	N
SH06722	44 57 32	71 26 22	82	.20	.05	5.00	>2.0	200	N	N	N	150	70	N	N
SH06748	44 52 5	71 36 58	82	.70	.70	1.50	>2.0	500	N	N	N	5,000	70	3	N
SH06754	44 51 1	71 35 45	82	.15	<.05	2.00	>2.0	200	N	N	N	300	N	N	N
SH06755	44 51 4	71 35 39	82	.50	.10	2.00	>2.0	700	N	N	N	500	50	3	N
SH06756	44 49 55	71 34 27	82	.70	.30	1.00	>2.0	500	N	N	N	2,000	<50	3	N
SH06759	44 48 45	71 37 7	82	2.00	<.05	1.50	>2.0	150	N	N	N	20	70	70	N
SH06760	44 48 43	71 37 14	82	.30	<.05	2.00	>2.0	500	N	N	N	50	<50	50	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH06449	10	1,500	150	100	N	100	N	5,000	N	15	>2,000	<200	N	300	200	700
SH06454	N	30	10	N	N	50	N	20	N	20	200	200	N	100	1,000	70
SH06460	N	200	10	50	N	50	N	70	N	15	200	200	N	150	500	200
SH06463	N	50	700	<50	N	100	N	300	N	10	300	300	N	100	1,500	150
SH06468	N	50	N	N	N	50	N	20	N	N	30	300	N	100	150	150
SH06481	N	50	<10	N	N	N	N	20	N	15	N	N	N	200	N	500
SH06490	<10	500	15	50	N	<50	N	20	N	20	100	N	N	200	300	500
SH06497	N	150	N	50	10	N	N	30	N	20	50	N	N	70	200	200
SH06498	15	150	20	N	N	50	20	20	N	30	20	N	N	70	150	150
SH06500	N	50	<10	100	N	50	N	20	N	30	70	N	N	50	<100	150
SH06605	N	500	<10	100	N	<50	N	2,000	N	70	<20	N	N	50	100	500
SH06609	N	150	<10	N	N	N	N	20	N	20	50	N	N	70	200	200
SH06610	<10	100	10	100	N	<50	N	30	N	20	50	N	N	150	100	300
SH06614	N	100	15	1,000	N	N	N	30	N	20	N	200	N	50	N	700
SH06616	N	200	<10	200	N	<50	N	20	N	20	30	N	N	70	<100	200
SH06617	N	700	10	150	N	N	N	20	N	15	20	N	N	100	N	300
SH06618	N	300	10	1,500	N	N	N	50	N	20	30	N	N	30	300	500
SH06632	150	100	100	500	N	N	200	50	N	20	N	N	N	20	200	200
SH06633	N	200	N	N	N	<50	N	20	N	15	<20	N	N	20	700	50
SH06634	70	200	50	50	N	N	100	100	N	15	N	N	N	50	200	200
SH06637	10	500	10	<50	N	N	N	50	N	20	150	N	N	100	200	200
SH06642	N	300	N	70	N	<50	N	30	N	15	30	N	N	70	300	300
SH06650	10	200	20	100	N	N	N	30	N	15	700	N	N	300	150	300
SH06656	<10	300	<10	100	N	N	N	20	N	20	30	N	N	200	N	300
SH06659	N	200	70	200	N	70	N	10,000	N	15	100	N	N	200	<100	500
SH06659	N	100	10	150	N	N	N	20	N	20	50	N	N	50	150	300
SH06661	N	150	10	300	N	N	N	20	N	15	50	N	N	200	N	300
SH06663	N	150	<10	150	N	50	N	30	N	20	70	N	N	100	100	500
SH06666	30	150	30	50	N	N	20	30	N	15	30	N	N	50	200	200
SH06668	N	70	<10	70	N	N	N	30	N	30	70	N	N	70	<100	300
SH06670	N	200	N	N	N	70	N	20	N	20	50	N	N	100	300	150
SH06674	15	700	<10	70	N	N	N	20	N	15	70	N	N	70	100	300
SH06678	<10	300	30	100	N	N	N	200	N	50	30	N	N	500	<100	300
SH06688	10	200	30	100	N	N	N	30	N	15	<20	200	N	150	<100	200
SH06689	N	200	30	N	N	50	N	50	N	50	30	N	N	200	200	300
SH06692	100	50	15	N	N	50	15	150	N	<10	<20	N	N	300	<100	200
SH06695	15	1,000	70	N	N	50	N	150	N	15	N	N	N	1,000	<100	300
SH06696	<10	100	10	N	N	<50	N	150	N	10	50	N	N	300	N	100
SH06697	10	150	20	N	N	50	N	30	N	<10	20	N	N	300	100	150
SH06698	15	70	15	N	N	<50	30	<20	N	15	N	N	N	300	200	150
SH06699	10	200	10	N	N	N	N	50	N	N	20	N	N	300	100	150
SH06714	N	300	15	N	N	50	N	500	N	20	100	N	N	150	N	200
SH06715	10	3,000	10,000	N	N	N	10	200	N	15	200	200	N	300	N	200
SH06722	10	100	20	70	N	70	N	20	N	15	<20	500	N	150	N	300
SH06748	10	150	15	N	N	50	N	20	N	10	100	N	N	200	500	200
SH06754	10	200	20	N	N	100	N	N	N	15	150	N	N	500	2,000	200
SH06755	<10	100	<10	N	N	70	N	50	<200	10	30	N	N	100	100	500
SH06756	10	200	20	200	N	70	N	200	N	20	70	<200	N	300	300	100
SH06759	20	20	20	N	N	N	N	70	N	20	30	N	N	30	300	100
SH06760	10	100	<10	N	N	N	N	20	N	20	20	N	N	70	200	300

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH06449	N	>2,000
SH06454	N	1,500
SH06460	N	>2,000
SH06463	N	>2,000
SH06468	N	1,500
SH05481	N	>2,000
SH06490	N	>2,000
SH06497	N	>2,000
SH06498	N	>2,000
SH06500	N	>2,000
SH06605	N	>2,000
SH06609	N	>2,000
SH06610	N	>2,000
SH06614	N	>2,000
SH06616	N	>2,000
SH06617	N	>2,000
SH06618	N	>2,000
SH06632	N	>2,000
SH06633	N	>2,000
SH06634	N	>2,000
SH06637	N	>2,000
SH06642	N	>2,000
SH06650	N	>2,000
SH06656	N	>2,000
SH06658	N	>2,000
SH06659	N	>2,000
SH06661	N	>2,000
SH06663	N	>2,000
SH06666	N	>2,000
SH06668	N	>2,000
SH06670	N	>2,000
SH06674	N	>2,000
SH06678	N	>2,000
SH06688	N	>2,000
SH06689	N	>2,000
SH06692	N	500
SH06695	N	>2,000
SH06696	N	1,000
SH06697	N	2,000
SH06698	N	>2,000
SH06699	N	2,000
SH06714	N	>2,000
SH06715	N	>2,000
SH06722	N	>2,000
SH06748	N	1,000
SH06754	700	700
SH06755	N	700
SH06756	500	>2,000
SH06759	N	2,000
SH06760	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH06765	44 45 59	71 36 15	82	.30	.05	1.50	>2.0	500	N	N	N	70	<50	2	N
SH06766	44 46 41	71 34 52	82	.50	<.05	.50	>2.0	150	N	N	N	N	<50	N	200
SH06770	44 55 10	71 13 50	82	.70	.30	3.00	>2.0	300	N	N	N	50	<50	N	N
SH06771	44 54 23	71 13 45	82	.15	.07	3.00	>2.0	300	N	N	N	30	50	N	N
SH06775	44 56 16	71 15 54	82	.50	.15	5.00	>2.0	300	N	N	N	20	70	N	50
SH06778	44 56 13	71 16 48	82	.30	.07	5.00	>2.0	150	N	N	N	20	N	N	N
SH06779	44 57 3	71 17 12	82	.50	.15	2.00	>2.0	200	N	N	N	N	150	N	N
SH06781	44 57 38	71 16 30	82	1.50	.07	5.00	>2.0	150	7.0	N	N	<20	N	N	30
SH06783	44 57 42	71 16 50	82	.20	.15	5.00	>2.0	200	N	N	30	<20	N	N	N
SH06788	44 56 17	71 11 15	82	.30	.10	3.00	>2.0	150	N	N	N	N	<50	N	N
SH06790	44 56 16	71 11 38	82	.50	.10	7.00	>2.0	200	N	N	N	30	50	N	N
SH06791	44 55 23	71 11 36	82	.20	.05	3.00	>2.0	300	N	N	N	50	100	N	N
SH06795	44 54 31	71 11 25	82	.20	.05	3.00	>2.0	200	N	N	N	30	N	N	N
SH06797	44 54 8	71 11 30	82	.30	.15	5.00	>2.0	300	N	N	N	50	200	N	N
SH06798	44 48 13	71 11 43	82	.20	.07	1.00	>2.0	200	N	N	N	70	50	N	N
SH06804	44 45 55	71 32 28	82	.50	.05	3.00	>2.0	500	N	N	N	300	100	3	N
SH06805	44 46 0	71 32 31	82	.70	.20	1.50	>2.0	700	N	N	N	1,500	100	3	N
SH06809	44 45 47	71 31 33	82	.10	<.05	.20	>2.0	100	N	N	N	30	70	5	150
SH06811	44 46 45	71 31 37	82	.30	<.05	1.00	>2.0	300	N	N	N	50	<50	2	N
SH06813	44 46 43	71 30 45	82	.50	.05	1.00	>2.0	500	N	N	N	150	70	<2	N
SH06817	44 48 39	71 31 10	82	.30	.10	2.00	>2.0	150	N	N	N	200	200	N	500
SH06819	44 48 55	71 32 8	82	.50	.07	1.00	1.0	150	N	N	N	70	50	N	N
SH06821	44 46 52	71 33 36	82	.50	.15	1.00	2.0	200	N	N	N	500	100	<2	N
SH07009	44 53 14	71 10 0	82	.70	.10	2.00	>2.0	200	N	N	N	50	70	<2	N
SH07010	44 53 17	71 10 14	82	.30	.30	2.00	>2.0	300	N	N	N	50	N	N	N
SH07013	44 50 1	71 12 12	82	.50	.10	1.50	>2.0	500	N	N	N	300	70	10	N
SH07014	44 50 6	71 12 21	82	.20	.07	.50	>2.0	70	N	N	N	N	50	<2	N
SH07015	44 49 42	71 12 41	82	.10	<.05	.20	1.5	100	N	N	N	30	50	<2	N
SH07018	44 46 53	71 13 52	82	.30	.10	2.00	>2.0	700	N	N	N	70	70	500	N
SH07020	44 47 33	71 13 19	82	.15	.10	3.00	>2.0	500	N	N	N	70	70	3	N
SH07024	44 45 53	71 15 45	82	.70	.07	1.50	>2.0	200	N	N	N	100	50	3	N
SH07025	44 46 7	71 16 56	82	.70	.10	2.00	>2.0	500	N	N	N	50	100	3	N
SH07026	44 46 49	71 16 3	82	.50	.07	1.00	>2.0	500	N	N	N	70	70	3	N
SH07027	44 46 53	71 16 16	82	.20	.05	3.00	>2.0	500	N	N	N	70	50	2	N
SH07034	44 52 18	71 8 22	82	.15	.05	.70	>2.0	500	N	N	N	30	<50	N	N
SH07037	44 50 56	71 3 44	82	3.00	.50	1.50	1.0	2,000	1.0	N	N	70	<50	7	N
SH07041	44 49 39	71 6 53	82	.30	.10	2.00	>2.0	700	N	N	N	N	100	150	N
SH07042	44 46 30	71 6 15	82	5.00	.15	1.00	1.0	700	N	N	N	N	70	<2	N
SH07045	44 45 22	71 5 47	82	.15	.05	2.00	>2.0	200	N	N	N	30	100	N	30
SH07052	44 44 14	71 7 22	82	.20	.07	2.00	>2.0	200	N	N	N	70	<50	20	N
SH07058	44 49 6	71 18 2	82	.50	.10	1.00	>2.0	200	N	N	N	200	50	3	N
SH07059	44 48 51	71 18 41	82	.50	.07	1.00	>2.0	100	N	N	N	200	<50	N	N
SH07061	44 42 14	71 10 8	82	.15	.05	1.50	>2.0	500	N	N	N	70	150	5	N
SH07062	44 41 42	71 10 7	82	.30	.20	7.00	>2.0	200	N	N	N	70	100	N	<20
SH07070	44 49 3	71 5 45	82	.20	.50	3.00	>2.0	200	N	N	N	N	N	7	N
SH07071	44 49 33	71 4 58	82	.15	.10	2.00	>2.0	150	N	N	N	N	<50	10	N
SH07074	44 49 18	71 13 52	82	.30	.10	1.50	>2.0	300	N	N	N	30	70	N	N
SH07078	44 47 14	71 10 0	82	.15	.05	3.00	>2.0	200	N	N	N	100	100	N	N
SH07081	44 48 52	71 9 43	82	.50	.15	2.00	>2.0	300	N	N	N	30	150	3	N
SH07110	44 58 17	71 20 59	82	.20	.10	3.00	>2.0	200	N	N	N	150	70	N	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH06765	N	70	15	300	<10	N	N	20	N	15	500	N	N	50	100	500
SH06766	10	20	15	N	300	N	10	70	300	20	700	N	N	20	500	700
SH06770	50	100	50	N	N	N	<10	150	N	20	20	N	N	300	150	500
SH06771	10	200	15	N	N	<50	N	20	N	30	N	N	N	300	300	700
SH06775	10	100	15	N	N	N	N	30	N	10	N	N	N	300	N	150
SH06778	15	50	10	50	N	<50	N	20	N	10	20	<200	N	200	N	100
SH06779	50	100	30	N	N	50	N	50	N	15	<20	N	N	300	100	100
SH06781	100	100	30	N	N	N	N	700	N	20	N	N	N	200	500	300
SH06783	N	300	10	N	N	<50	N	30	N	10	N	<200	N	500	N	150
SH06788	15	50	20	200	N	<50	N	150	N	15	<20	N	N	200	150	200
SH06790	30	150	20	70	N	50	10	30	N	10	<20	200	N	300	<100	150
SH06791	<10	30	15	150	N	<50	N	30	N	15	N	200	N	200	100	300
SH06795	10	100	15	N	N	<50	N	20	N	15	N	N	N	300	500	500
SH06797	<10	100	30	N	N	N	N	20	N	20	N	N	N	300	150	500
SH06798	N	70	15	N	N	70	N	30	N	10	N	N	N	200	N	70
SH06804	10	150	10	200	200	50	N	50	N	20	70	N	N	50	300	700
SH06805	10	100	10	150	30	70	<10	30	N	15	150	N	200	50	100	700
SH06809	N	20	N	100	500	70	N	30	N	70	300	N	300	30	1,000	70
SH06811	N	300	N	50	10	N	20	<20	N	20	N	N	N	30	100	500
SH06813	10	70	<10	70	70	<50	N	70	N	20	700	N	N	50	200	700
SH06817	N	100	10	200	N	N	N	200	N	200	200	N	200	100	<100	1,000
SH06819	15	100	10	100	N	50	N	70	N	200	100	N	<200	20	100	300
SH06821	N	100	<10	50	N	N	N	30	N	50	30	N	N	100	N	200
SH07009	70	100	15	N	N	N	N	20	N	10	50	200	N	300	N	150
SH07010	50	70	10	100	N	<50	20	30	N	15	N	N	N	500	<100	100
SH07013	N	100	20	N	N	70	N	20	N	N	2,000	N	N	300	<100	200
SH07014	<10	300	30	500	N	N	N	70	N	150	200	N	N	200	N	200
SH07015	N	<20	N	N	N	N	N	N	N	N	N	N	N	20	500	<20
SH07018	N	100	10	150	N	N	N	70	N	10	>2,000	N	<200	200	500	300
SH07020	10	70	<10	150	N	50	N	50	N	20	700	N	N	150	200	500
SH07024	N	150	<10	50	N	50	N	20	N	10	500	N	N	70	200	150
SH07025	N	70	10	300	30	150	N	70	N	N	>2,000	N	500	150	500	700
SH07026	N	70	10	N	<10	<50	N	20	N	20	>2,000	N	N	150	1,000	100
SH07027	N	100	<10	100	N	50	N	20	N	15	1,000	N	N	50	N	300
SH07034	N	20	<10	N	N	<50	N	20	N	15	N	N	N	100	<100	50
SH07037	15	50	15	50	N	N	30	<20	N	15	N	N	N	150	N	200
SH07041	N	100	10	N	N	<50	N	70	N	15	<20	N	N	150	100	100
SH07042	10	150	15	N	50	N	N	30	N	15	N	N	N	150	1,500	70
SH07045	N	500	N	N	20	N	N	50	N	20	N	N	N	50	300	700
SH07052	N	100	10	N	N	70	15	20	N	N	N	N	N	200	150	100
SH07058	N	200	30	N	N	70	15	30	N	20	30	N	N	150	1,000	100
SH07059	N	100	15	N	N	N	N	30	N	20	30	N	N	70	1,000	200
SH07061	<10	100	10	70	N	50	N	30	N	15	>2,000	N	200	70	500	100
SH07062	10	200	15	100	N	<50	N	30	N	15	>2,000	N	N	500	700	200
SH07070	50	150	20	N	N	<50	N	30	N	20	20	N	N	300	1,000	70
SH07071	<10	70	10	50	N	N	N	30	N	20	50	N	N	200	100	150
SH07074	N	70	15	N	N	<50	N	20	N	15	<20	N	N	300	1,000	70
SH07078	N	70	10	N	N	N	N	20	N	15	100	N	N	300	150	150
SH07081	N	50	10	50	N	N	N	20	N	10	N	N	N	200	<100	50
SH07110	10	200	50	<50	N	<50	N	100	N	10	N	N	N	300	N	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH06765	N	>2,000
SH06766	N	>2,000
SH06770	N	2,000
SH06771	N	>2,000
SH06775	N	>2,000
SH06778	N	>2,000
SH06779	N	>2,000
SH06781	N	>2,000
SH06783	N	1,000
SH06788	N	>2,000
SH06790	N	>2,000
SH06791	N	>2,000
SH06795	N	>2,000
SH06797	N	>2,000
SH06798	N	>2,000
SH06804	N	>2,000
SH06805	N	>2,000
SH06809	N	>2,000
SH06811	N	>2,000
SH06813	N	>2,000
SH06817	N	>2,000
SH06819	N	>2,000
SH06821	N	>2,000
SH07009	N	200
SH07010	N	1,500
SH07013	N	>2,000
SH07014	N	>2,000
SH07015	N	700
SH07018	N	>2,000
SH07020	N	>2,000
SH07024	N	>2,000
SH07025	N	>2,000
SH07026	N	2,000
SH07027	N	>2,000
SH07034	N	>2,000
SH07037	500	100
SH07041	N	>2,000
SH07042	N	1,000
SH07045	N	>2,000
SH07052	N	2,000
SH07058	N	>2,000
SH07059	N	>2,000
SH07061	N	>2,000
SH07062	N	>2,000
SH07070	N	1,500
SH07071	N	1,500
SH07074	N	500
SH07078	N	>2,000
SH07081	N	>2,000
SH07110	N	>2,000

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi
SH07111	44 58 18	71 20 53	82	.50	.20	3.00	>2.0	300	N	N	N	N	50	N	N
SH07114	44 59 0	71 21 43	82	.50	.07	1.00	>2.0	100	N	N	N	100	50	N	N
SH07115	44 59 33	71 21 50	82	.50	.07	<.10	2.0	150	N	N	N	50	N	N	N
SH07137	44 54 57	71 17 31	82	.30	.10	2.00	>2.0	300	N	N	N	70	50	<2	100
SH07138	44 54 48	71 17 36	82	.10	.05	2.00	>2.0	200	N	N	N	100	100	N	N
SH07140	44 51 43	71 17 7	82	.20	.10	5.00	>2.0	300	N	N	N	50	70	<2	N
SH07141	44 51 32	71 17 10	82	.30	.05	1.00	1.5	200	N	N	N	70	N	<2	N
SH07142	44 51 14	71 17 15	82	.30	.15	5.00	>2.0	500	N	N	N	100	150	N	N
SH07143	44 51 0	71 16 33	82	.20	.15	3.00	>2.0	300	N	N	N	200	100	<2	N
SH07146	44 49 53	71 15 59	82	.30	.07	1.00	>2.0	300	N	N	N	50	70	20	N
SH07147	44 50 13	71 15 59	82	.30	.05	3.00	>2.0	300	N	N	N	70	50	N	N

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Co	Cr	Cu	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y
SH07111	<10	100	10	100	N	N	N	20	N	<10	<20	N	N	300	N	150
SH07114	<10	300	30	<50	N	100	N	100	N	100	N	N	N	200	N	100
SH07115	N	70	20	N	N	<50	N	30	N	N	300	N	N	30	N	<20
SH07137	N	50	<10	N	N	N	N	<20	N	N	1,000	N	N	200	200	70
SH07138	N	50	15	N	N	N	N	20	N	15	N	200	N	200	<100	200
SH07140	N	70	10	N	N	<50	N	100	N	15	200	N	N	300	100	200
SH07141	N	50	20	N	N	<50	N	100	N	10	20	N	N	70	N	20
SH07142	10	300	15	50	N	50	N	20	N	15	N	N	N	200	300	100
SH07143	N	300	15	N	N	N	10	50	N	N	N	N	N	200	N	100
SH07146	10	150	10	50	N	N	N	20	N	15	N	N	N	150	150	70
SH07147	10	150	20	N	N	50	N	20	N	15	N	N	N	300	1,000	200

Table 3.--Analyses of heavy-mineral-concentrate samples from the west half of the Lewiston quadrangle and the White Mountain Wilderness Study Area, New Hampshire, Vermont, and Maine--Continued

Sample	Zn	Zr
SH07111	N	700
SH07114	N	>2,000
SH07115	N	2,000
SH07137	N	500
SH07138	N	>2,000
SH07140	N	1,500
SH07141	N	>2,000
SH07142	N	>2,000
SH07143	N	300
SH07146	N	2,000
SH07147	N	>2,000

Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown]

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi	Co	Cr	Cu
SH05903	45 7 24	71 10 6	82	.30	.10	1.5	>2.0	300	N	N	N	30	50	N	N	N	70	<10
SH05909	45 6 20	71 12 44	82	.70	.20	7.0	>2.0	300	N	N	N	N	150	N	N	<10	100	<10
SH05912	45 2 50	71 10 54	82	7.00	.05	3.0	>2.0	100	N	N	N	50	<50	N	N	200	70	15
SH05913	45 2 48	71 10 42	82	.30	.10	2.0	>2.0	200	N	N	N	N	<50	N	N	N	100	<10
SH05925	45 1 29	71 27 41	82	.15	.30	2.0	>2.0	150	N	N	N	200	200	N	N	15	200	15
SH05926	45 2 13	71 27 5	82	.50	.20	3.0	>2.0	200	N	N	N	200	300	2	N	15	200	30
SH05929	45 2 54	71 25 31	82	.20	<.05	3.0	>2.0	100	N	N	N	50	100	N	N	20	2,000	50
SH05931	45 8 1	71 1 48	82	.20	.15	5.0	>2.0	200	N	N	N	N	<50	N	N	10	70	20
SH05932	45 8 5	71 1 44	82	.30	.20	3.0	>2.0	200	N	N	N	N	50	N	N	N	70	30
SH05935	45 12 34	71 1 52	82	.70	.20	3.0	>2.0	200	N	N	N	N	70	N	N	<10	300	15
SH06002	45 1 55	71 22 38	82	15.00	<.05	1.0	1.0	50	3	20,000	N	50	N	N	50	150	20	50
SH06004	45 1 44	71 16 44	82	.50	.20	10.0	>2.0	300	N	N	N	70	100	N	N	10	150	70
SH06012	45 0 21	71 38 22	82	1.00	.05	1.5	>2.0	300	N	N	N	50	100	N	N	100	300	30
SH06050	45 3 59	71 22 28	82	.20	.05	5.0	>2.0	300	N	N	N	70	100	20	N	N	100	10
SH06051	45 5 18	71 20 35	82	.10	.10	1.5	>2.0	100	N	N	N	70	70	N	N	N	200	10
SH06055	45 15 58	71 17 59	82	.30	.15	2.0	>2.0	200	N	N	N	30	50	N	N	N	100	10
SH06058	45 5 11	71 24 46	82	.30	.05	1.5	>2.0	100	N	N	N	150	<50	N	N	N	700	15
SH06064	45 7 57	71 21 43	82	.70	.05	5.0	>2.0	200	20	N	500	100	50	2	N	10	100	10
SH06069	45 10 45	71 20 39	82	.70	.05	3.0	>2.0	300	N	N	N	300	1,000	<2	N	N	150	10
SH06073	45 14 2	71 19 44	82	.30	.20	2.0	>2.0	200	N	N	N	70	70	N	N	<10	150	10
SH06074	45 14 31	71 19 36	92	1.00	.50	1.5	>2.0	150	N	N	N	70	100	<2	N	15	300	50
SH06078	45 15 28	71 18 10	82	.70	.05	3.0	>2.0	200	N	N	N	100	100	2	N	N	500	10
SH06079	45 13 34	71 21 31	82	.50	.30	7.0	>2.0	150	150	N	1,000	50	70	N	N	N	1,000	10
SH06082	45 12 8	71 19 52	82	.30	.10	1.0	.5	150	N	N	N	30	N	2	N	N	<20	<10
SH06085	45 13 13	71 18 14	82	.70	.20	2.0	2.0	300	N	N	N	30	100	2	N	N	20	N
SH06089	45 3 54	71 8 12	82	.50	.50	10.0	>2.0	500	N	N	N	70	100	N	N	N	100	20
SH06090	45 3 55	71 8 19	82	.20	.07	3.0	>2.0	300	N	N	30	30	150	N	N	10	50	10
SH06097	45 4 35	71 6 36	82	1.00	.50	5.0	>2.0	200	N	N	N	N	100	N	N	10	200	10
SH06098	45 5 3	71 7 3	82	.10	.05	1.0	2.0	150	N	N	N	50	70	N	N	N	30	N
SH06505	45 1 25	71 16 50	82	.20	.05	2.0	>2.0	200	N	N	N	30	50	N	N	10	50	15
SH06507	45 0 42	71 15 26	82	1.00	1.00	5.0	>2.0	700	N	N	N	20	150	N	N	20	1,500	100
SH06509	45 0 35	71 13 39	32	.10	.05	1.5	>2.0	300	N	N	N	30	150	N	N	10	100	15
SH06510	45 0 56	71 12 33	82	.10	<.05	3.0	>2.0	300	N	N	N	N	1,000	N	N	N	100	15
SH06514	45 1 4	71 11 2	82	<.10	.07	2.0	>2.0	300	N	N	N	50	500	N	N	10	100	15
SH06515	45 1 23	71 10 46	82	.20	.07	1.0	>2.0	300	N	N	N	70	70	N	N	<10	50	10
SH06516	45 1 24	71 10 42	82	.20	.05	1.5	>2.0	200	N	1,000	N	20	50	N	N	N	20	10
SH06521	45 5 0	71 28 0	82	.10	<.05	5.0	>2.0	100	N	N	N	70	150	N	N	N	150	15
SH06526	45 7 38	71 25 25	82	.20	.05	2.0	>2.0	150	1	N	100	30	<50	N	N	N	50	10
SH06528	45 9 10	71 25 19	82	7.00	<.05	1.0	>2.0	50	N	N	N	20	N	N	N	100	20	30
SH06532	45 2 22	71 27 10	82	2.00	<.05	3.0	>2.0	100	N	N	N	50	150	N	N	15	20	20
SH06533	45 10 34	71 24 50	82	.15	.15	7.0	>2.0	300	N	N	70	200	N	15	N	N	100	10
SH06538	45 13 14	71 24 21	82	5.00	<.05	2.0	>2.0	150	N	N	N	30	50	N	N	30	30	10
SH06542	45 7 25	71 18 6	82	.10	.05	3.0	>2.0	200	N	N	N	50	70	N	N	N	30	10
SH06543	45 8 4	71 17 43	82	.70	.15	10.0	>2.0	300	N	N	N	100	200	N	N	15	300	20
SH06552	45 9 30	71 17 36	82	.70	.05	5.0	>2.0	200	N	N	N	30	200	N	N	15	1,000	15
SH06554	45 7 56	71 18 21	82	.15	.05	2.0	>2.0	300	N	N	N	70	200	N	N	N	100	20
SH06556	45 12 58	71 14 55	82	.10	<.05	3.0	>2.0	200	N	N	N	N	100	N	N	N	150	15
SH06557	45 13 22	71 14 55	82	.50	.07	2.0	>2.0	200	N	N	N	30	<50	N	N	10	70	20
SH06568	45 13 2	71 6 4	82	.10	.05	3.0	>2.0	200	N	N	N	70	70	N	N	N	50	10
SH06569	45 13 40	71 6 34	82	.70	.70	5.0	>2.0	300	N	N	N	50	50	N	N	10	100	10

Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont--Continued

Sample	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y	Zn	Zr
SH05903	150	N	50	N	<20	N	30	N	<200	N	150	<100	100	N	>2,000
SH05909	700	N	N	N	30	N	10	20	200	N	200	N	300	N	>2,000
SH05912	N	N	<50	100	50	N	<10	N	200	N	150	N	150	N	>2,000
SH05913	1,000	N	N	N	500	N	15	<20	N	N	300	<100	150	N	>2,000
SH05925	100	N	N	N	30	N	15	30	300	N	300	N	150	N	>2,000
SH05926	100	N	N	N	70	N	20	<20	200	N	500	<100	200	N	>2,000
SH05929	N	N	50	N	70	N	20	N	N	N	1,000	N	500	N	>2,000
SH05931	N	N	N	N	300	N	15	20	<200	N	500	N	100	N	2,000
SH05932	N	N	N	N	30	N	10	150	N	N	300	N	50	N	1,500
SH05935	300	N	<50	N	50	N	15	30	N	N	200	N	300	N	>2,000
SH06002	N	N	N	200	700	N	N	N	N	N	30	N	50	N	500
SH06004	1,000	N	N	N	20	N	20	<20	N	N	700	N	300	N	>2,000
SH06012	150	N	N	20	20	N	15	N	N	N	200	200	200	N	>2,000
SH06050	<50	N	N	N	20	N	10	70	500	N	70	N	300	N	>2,000
SH06051	200	N	N	N	30	N	30	20	200	N	300	N	200	N	>2,000
SH06055	N	N	<50	10	20	N	15	N	200	N	150	N	200	N	>2,000
SH06058	N	N	50	N	<20	N	30	N	N	N	150	N	200	N	>2,000
SH06064	1,000	N	N	10	30	N	15	<20	500	N	70	N	300	N	>2,000
SH06069	1,500	N	N	20	50	N	N	N	700	N	50	N	200	N	>2,000
SH06073	200	N	N	N	30	N	100	N	N	N	150	N	200	N	>2,000
SH06074	2,000	N	N	20	50	N	20	N	300	N	50	N	200	N	>2,000
SH06078	500	N	N	20	30	N	20	N	<200	N	150	N	500	N	>2,000
SH06079	1,500	N	<50	N	50	N	150	N	200	N	300	N	500	N	>2,000
SH06082	N	N	N	N	<20	N	N	N	N	N	N	N	20	N	2,000
SH06085	1,500	N	<50	N	30	N	N	N	200	N	20	N	70	N	>2,000
SH06089	1,000	N	N	N	30	N	15	N	200	N	700	N	200	N	2,000
SH06090	200	N	N	N	20	N	10	N	200	N	300	<100	100	N	>2,000
SH06097	500	N	<50	N	20	N	20	N	N	N	500	100	100	N	>2,000
SH06098	N	N	N	N	20	N	N	N	N	N	100	N	100	N	>2,000
SH06505	50	N	<50	N	70	N	15	300	<200	N	300	N	200	N	>2,000
SH06507	500	N	50	N	20	N	15	N	N	N	700	N	200	N	>2,000
SH06509	N	N	<50	N	20	N	15	N	200	N	200	N	300	N	>2,000
SH06510	N	N	N	N	20	N	15	N	<200	N	200	<100	200	N	>2,000
SH06514	N	N	[illegible]	N	30	N	15	<20	500	N	300	300	300	N	>2,000
SH06515	N	N	[illegible]	N	20	N	15	N	200	N	150	N	150	N	>2,000
SH06516	70	N	[illegible]	N	500	N	10	N	N	N	100	200	70	N	>2,000
SH06521	N	N	N	N	<20	N	15	30	<200	N	150	N	300	N	>2,000
SH06526	150	N	50	N	200	N	20	N	300	N	70	150	100	N	>2,000
SH06528	N	N	N	100	20	N	15	N	200	N	20	N	150	N	>2,000
SH06532	N	N	<50	50	50	N	15	N	500	N	50	N	150	N	>2,000
SH06533	100	N	N	N	50	N	30	300	200	500	200	150	300	N	>2,000
SH06538	N	N	N	30	20	N	15	N	200	N	50	N	300	N	>2,000
SH06542	N	N	50	N	50	N	30	N	<200	N	70	N	300	N	>2,000
SH06543	1,500	N	N	20	50	N	15	N	N	N	300	N	300	N	>2,000
SH06552	300	N	N	N	20	N	20	<20	500	N	70	N	200	N	>2,000
SH06554	<50	N	N	N	50	N	15	N	300	N	300	N	500	N	>2,000
SH06556	50	N	N	N	20	N	15	N	200	N	100	N	300	N	>2,000
SH06557	N	N	<50	N	30	N	20	N	200	N	70	N	200	N	>2,000
SH06568	N	N	N	N	30	N	15	N	<200	N	70	N	300	N	>2,000
SH06569	500	N	<50	N	30	N	<10	N	<200	N	200	N	100	N	>2,000

Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi	Co	Cr	Cu
SH06572	45 10 11	71 13 30	82	.70	.70	7.0	>2.0	300	N	N	N	50	100	N	N	10	700	30
SH06576	45 8 12	71 12 24	82	.50	.10	5.0	>2.0	200	N	N	N	N	50	N	N	N	100	30
SH06584	45 12 29	71 9 41	82	.30	.15	3.0	>2.0	300	N	N	N	50	70	<2	N	N	700	15
SH06585	45 13 18	71 9 35	82	.50	.10	.2	2.0	200	N	N	N	30	<50	N	N	N	1,500	10
SH06589	45 11 46	71 11 59	82	.70	.15	5.0	>2.0	300	N	N	N	50	100	<2	30	N	150	30
SH06597	45 10 3	71 16 20	82	.30	.10	1.5	1.5	150	N	N	N	20	N	N	N	10	200	10
SH06708	45 1 2	71 8 28	82	1.00	.50	3.0	>2.0	300	N	20,000	N	100	100	N	N	20	70	10
SH06711	45 2 36	71 2 39	82	.50	.20	3.0	>2.0	200	N	N	N	70	50	N	N	10	50	30
SH06712	45 3 29	71 1 44	82	.15	.05	1.5	>2.0	150	N	N	N	50	70	N	N	N	500	<10
SH06723	45 0 6	71 24 15	82	.50	<.05	1.0	>2.0	100	N	N	N	20	N	N	N	<10	100	15
SH06724	45 0 42	71 25 26	82	.30	.10	10.0	>2.0	500	N	N	N	50	70	N	N	<10	50	10
SH06727	45 9 34	71 9 11	82	.10	.05	1.0	>2.0	100	N	N	N	N	N	N	N	N	150	20
SH06729	45 9 4	71 9 18	82	.50	.10	7.0	>2.0	200	N	N	N	30	50	N	N	15	200	15
SH06732	45 6 45	71 23 39	82	.30	.10	2.0	>2.0	300	N	N	N	50	70	N	N	N	200	10
SH06737	45 7 50	71 22 18	82	.50	.07	5.0	>2.0	200	N	N	N	100	100	N	N	<10	1,000	15
SH06744	45 9 37	71 21 37	82	.50	.05	1.5	>2.0	200	N	N	N	70	70	<2	N	N	700	15
SH06826	45 10 30	71 4 41	82	.30	.30	7.0	>2.0	500	N	N	N	N	100	50	N	10	200	15
SH06834	45 2 33	71 12 8	82	.50	.10	3.0	>2.0	300	N	N	N	30	70	N	N	N	50	20
SH06841	45 9 41	71 2 13	82	.10	1.00	5.0	>2.0	500	N	N	N	N	100	<2	N	10	150	<10
SH06842	45 9 40	71 2 4	82	.10	.10	3.0	>2.0	200	N	N	N	N	70	N	N	N	50	<10
SH06843	45 9 34	71 1 50	82	.70	.30	5.0	>2.0	150	N	N	N	50	150	N	N	15	200	30
SH07084	45 5 13	71 25 47	82	1.00	.15	1.0	>2.0	100	N	N	N	100	100	<2	30	100	500	70
SH07087	45 3 23	71 23 55	82	.20	.10	2.0	>2.0	150	N	N	N	100	100	N	N	<10	1,500	20
SH07101	45 17 15	71 5 13	82	.70	.15	5.0	>2.0	300	N	N	N	30	100	N	N	15	2,000	15
SH07102	45 16 38	71 5 34	82	.30	.10	1.5	>2.0	150	N	N	N	30	50	N	N	15	200	10
SH07104	45 15 33	71 4 52	82	.50	.15	3.0	>2.0	200	N	N	N	70	70	N	N	N	1,000	50
SH07105	45 14 36	71 4 50	82	.15	.10	.5	1.5	100	N	N	N	N	50	N	N	10	300	15
SH07106	45 15 9	71 6 38	82	.50	.10	1.5	2.0	300	N	N	N	70	<50	2	N	N	200	10
SH07107	45 15 12	71 6 45	82	.20	.10	.5	>2.0	100	N	N	N	50	50	N	N	10	1,000	20
SH07108	45 13 21	71 5 58	82	.70	.10	2.0	>2.0	500	N	N	N	30	50	N	N	N	2,000	10
SH07109	45 11 44	71 6 50	82	.20	.10	2.0	>2.0	150	N	N	N	70	70	N	N	<10	200	15
SH07117	45 0 4	71 21 25	82	.30	.30	3.0	>2.0	150	N	N	N	N	<50	<2	N	N	300	10
SH07118	45 1 12	71 22 36	82	.70	.10	1.0	>2.0	150	N	N	N	100	<50	N	<20	<10	70	15
SH07119	45 3 46	71 13 59	82	.30	.05	1.0	>2.0	200	N	N	N	20	<50	N	N	<10	300	10
SH07122	45 4 53	71 13 26	82	.15	.15	1.5	>2.0	200	N	N	N	N	50	N	N	<10	70	10
SH07133	45 2 43	71 8 13	82	.15	.10	2.0	>2.0	150	N	N	N	30	70	N	N	<10	100	20
SH07149	45 5 19	71 0 6	82	.30	.10	5.0	>2.0	300	N	N	N	N	N	N	N	<10	20	15
SH07155	45 10 23	71 0 2	82	.50	.20	2.0	>2.0	200	N	N	N	50	100	<2	N	10	100	10
SH07159	45 10 44	71 4 1	82	.50	.10	2.0	>2.0	200	N	N	N	50	70	N	N	<10	100	10
SH07160	45 10 23	71 3 21	82	.70	.10	1.0	>2.0	150	N	N	N	70	N	N	N	10	500	15
SH07161	45 10 1	71 3 38	82	.50	.07	3.0	>2.0	300	N	N	N	N	N	N	N	<10	500	10
SH07163	45 13 30	71 2 35	82	.50	.50	3.0	1.5	300	N	N	N	50	50	5	N	<10	500	<10
SH07164	45 13 27	71 2 37	82	.30	.07	2.0	>2.0	200	N	N	N	N	50	2	N	N	30	N
SH07167	45 13 45	71 3 14	82	.50	.20	5.0	2.0	200	N	N	N	30	<50	N	N	N	30	N
SH07168	45 13 43	71 3 35	82	.20	.07	1.0	>2.0	150	N	N	N	30	<50	N	N	N	100	<10
SH07170	45 14 10	71 4 10	82	.15	.05	.3	>2.0	150	N	N	N	30	100	N	N	N	300	10
SH07171	45 14 24	71 3 59	82	.20	.05	1.0	>2.0	300	N	N	N	50	70	N	20	N	200	10
SH07172	45 14 43	71 3 48	82	.30	.05	.7	>2.0	150	N	N	N	30	N	N	N	N	200	N
SH07173	45 15 5	71 3 45	82	.30	.10	2.0	>2.0	200	N	N	N	30	<50	N	N	N	150	10
SH07175	45 15 12	71 2 48	82	.50	.15	1.5	>2.0	300	N	N	N	20	<50	N	N	N	200	<10

Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont--Continued

Sample	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y	Zn	Zr
SH06572	2,000	N	N	N	150	N	20	1,000	500	N	150	N	200	N	>2,000
SH06578	N	N	<50	10	70	N	15	<20	200	N	500	N	200	N	>2,000
SH06584	200	N	N	N	500	N	15	>2,000	200	N	100	N	150	N	>2,000
SH06585	150	N	70	N	30	N	200	<20	N	N	100	N	100	N	>2,000
SH06589	200	N	N	N	1,000	N	15	>2,000	200	N	200	N	200	N	>2,000
SH06597	500	N	N	15	50	N	10	N	N	N	50	N	50	N	>2,000
SH06708	200	N	N	100	20	N	15	N	200	N	200	1,500	150	N	>2,000
SH06711	N	N	50	N	30	N	15	20	N	N	300	500	100	N	>2,000
SH06712	N	N	N	N	30	N	15	N	N	N	100	500	70	N	>2,000
SH06723	70	N	70	N	N	N	15	N	200	N	100	N	70	N	>2,000
SH06724	100	N	50	N	20	N	15	N	200	N	200	N	300	N	>2,000
SH06727	N	N	N	N	20	N	15	N	N	N	700	N	100	N	>2,000
SH06729	1,500	N	N	N	30	N	30	N	200	N	700	N	200	N	>2,000
SH06732	100	N	N	10	20	N	20	N	500	N	30	N	500	N	>2,000
SH06737	200	N	<50	20	30	N	15	N	300	N	150	N	500	N	>2,000
SH06744	200	N	N	N	30	N	20	<20	N	N	100	N	300	N	>2,000
SH06826	50	N	N	N	50	N	15	N	200	N	200	N	300	N	>2,000
SH06834	700	N	<50	N	200	N	15	N	<200	N	300	N	150	N	>2,000
SH06841	150	N	N	N	30	N	20	20	200	N	100	N	200	N	1,500
SH06842	100	N	N	N	20	N	100	N	N	N	150	N	300	N	>2,000
SH06843	N	N	50	N	50	N	15	N	N	N	200	N	200	N	>2,000
SH07084	100	N	<50	50	1,000	N	10	20	<200	N	200	N	100	N	>2,000
SH07087	N	N	70	N	20	N	30	<20	N	N	300	<100	200	N	>2,000
SH07101	N	N	N	N	50	N	20	20	N	N	300	N	300	N	>2,000
SH07102	150	N	N	N	20	N	50	N	200	N	200	N	200	N	>2,000
SH07104	1,500	N	N	N	50	N	70	N	<200	N	100	N	500	N	>2,000
SH07105	500	N	70	N	30	N	200	<20	N	N	150	N	150	N	>2,000
SH07106	N	N	N	N	20	N	10	N	N	N	150	100	100	N	2,000
SH07107	500	N	<50	50	30	N	15	20	N	N	300	N	300	N	>2,000
SH07108	100	N	N	N	30	N	20	<20	N	N	150	N	500	N	>2,000
SH07109	500	N	N	N	20	N	20	<20	N	N	500	N	500	N	>2,000
SH07117	N	N	50	N	30	N	N	50	N	N	700	N	100	N	>2,000
SH07118	N	N	<50	10	200	N	30	20	N	N	100	N	100	N	>2,000
SH07119	150	N	N	N	20	N	20	N	N	N	100	N	150	N	>2,000
SH07122	1,000	N	N	N	70	N	<10	<20	N	N	500	N	150	N	>2,000
SH07133	300	N	50	N	30	N	15	30	N	N	700	<100	100	N	>2,000
SH07149	N	N	N	N	30	N	<10	N	<200	N	200	N	70	N	>2,000
SH07155	70	N	N	N	30	N	15	N	200	N	100	N	150	N	>2,000
SH07159	300	N	N	N	20	N	15	N	200	N	70	N	100	N	>2,000
SH07160	150	10	N	N	30	N	15	N	N	N	100	N	100	N	>2,000
SH07161	N	10	50	N	30	N	20	70	N	N	150	N	70	N	>2,000
SH07163	150	N	N	N	30	N	20	N	200	N	70	N	50	N	>2,000
SH07164	50	N	N	N	30	N	10	N	200	N	30	N	50	N	>2,000
SH07167	N	N	N	N	20	N	15	N	200	N	70	N	50	N	>2,000
SH07168	50	N	<50	15	20	N	20	N	<200	N	70	N	70	N	>2,000
SH07170	70	N	N	N	30	N	15	N	N	N	100	N	200	N	>2,000
SH07171	100	N	N	N	500	N	15	N	N	N	100	N	200	N	>2,000
SH07172	N	N	N	N	<20	N	20	N	N	N	50	N	150	N	>2,000
SH07173	200	N	N	N	20	N	20	N	<200	N	50	N	150	N	>2,000
SH07175	100	N	N	N	20	N	20	N	N	N	100	N	100	N	>2,000

Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont--Continued

Sample	Latitude	Longitude	Year	Fe	Mg	Ca	Ti	Mn	Ag	As	Au	B	Ba	Be	Bi	Co	Cr	Cu
SH07178	45 15 4	71 2 11	82	.30	.05	1.0	>2.0	200	N	N	N	<20	<50	N	N	N	150	<10
SH07179	45 5 28	71 2 38	82	.20	.10	2.0	>2.0	150	N	N	N	50	50	N	N	10	50	10
SH07180	45 5 31	71 2 3	82	.50	.15	3.0	>2.0	300	N	N	N	30	70	2	N	<10	100	50
SH07181	45 4 46	71 1 46	82	.20	.07	1.5	>2.0	150	N	N	N	20	<50	N	N	N	100	15
SH07188	45 14 11	71 1 27	82	.50	.07	1.5	>2.0	200	N	N	N	20	<50	N	N	N	200	<10

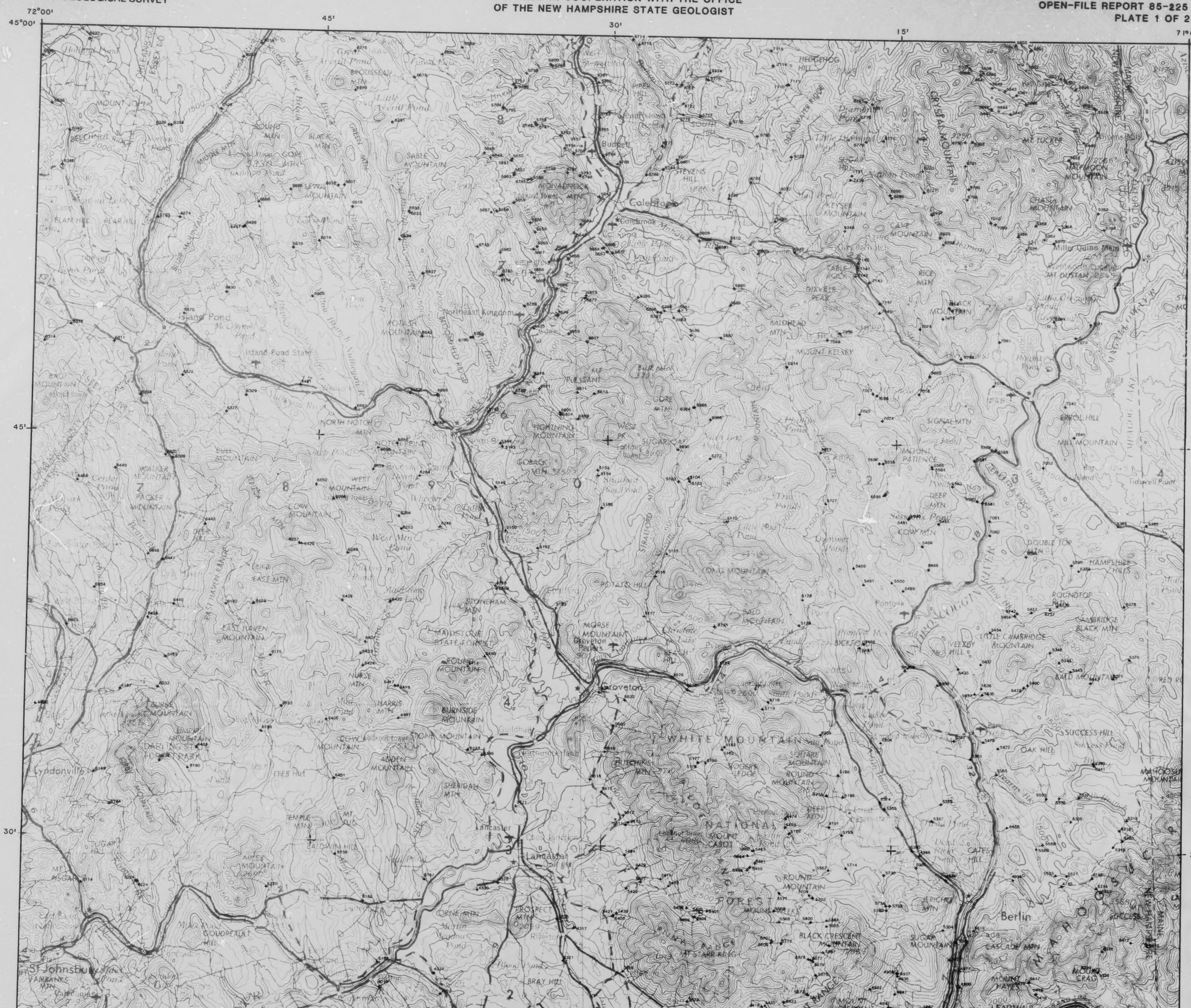
Table 4.--Analyses of heavy-mineral-concentrate samples from the west half of the Sherbrooke quadrangle, New Hampshire, Maine, and Vermont--Continued

Sample	La	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Th	V	W	Y	Zn	Zr
SH07178	N	N	N	N	20	N	20	N	N	N	100	N	100	N	>2,000
SH07179	70	N	<50	N	30	N	15	N	N	N	500	N	100	N	>2,000
SH07180	50	N	50	N	100	N	15	<20	N	N	300	N	150	N	>2,000
SH07181	<50	N	<50	N	20	N	20	30	N	N	300	N	100	N	>2,000
SH07188	N	N	<50	N	20	N	20	N	N	N	100	N	50	N	>2,000

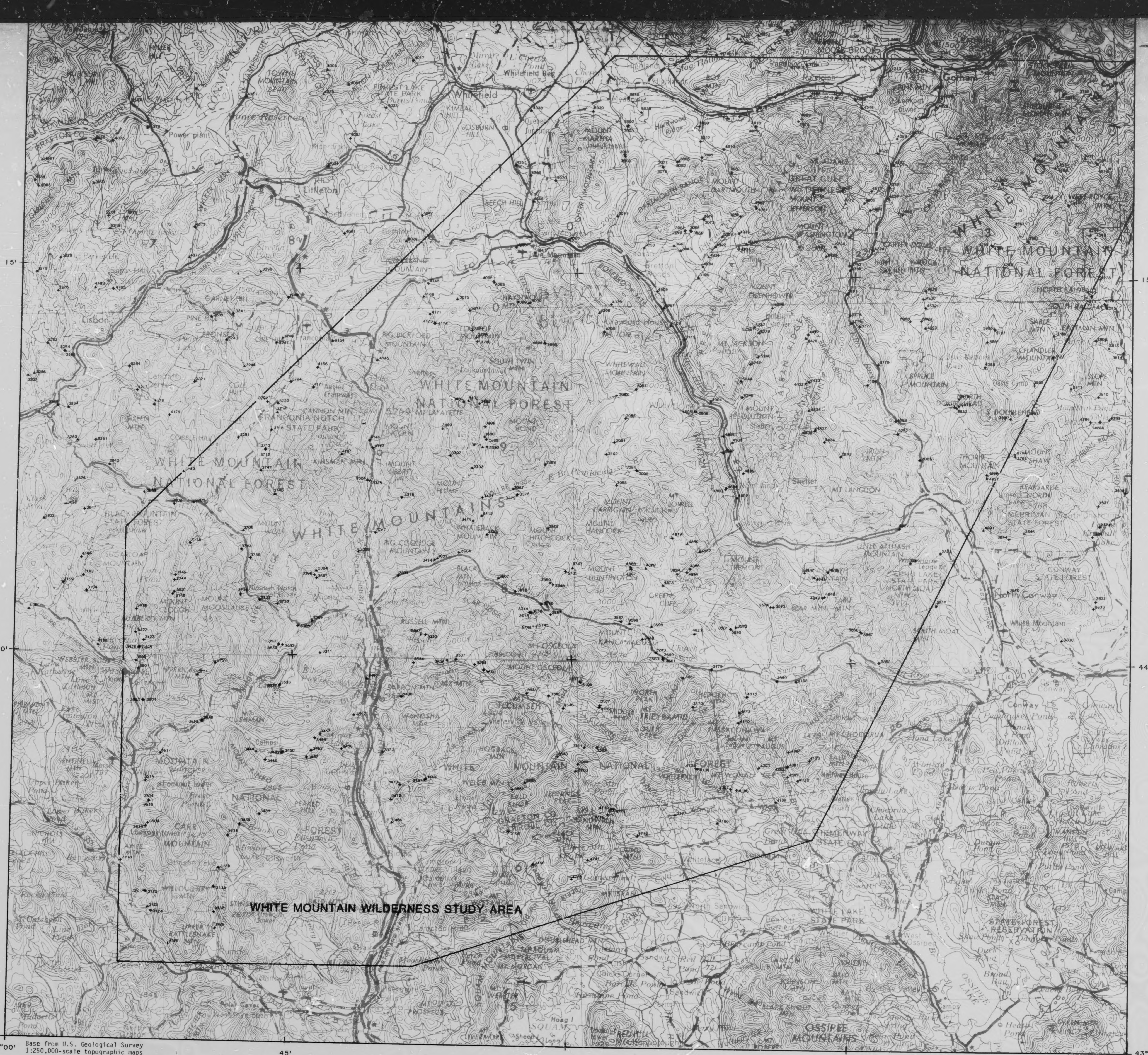
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE OFFICE
OF THE NEW HAMPSHIRE STATE GEOLOGIST

OPEN-FILE REPORT 85-225
PLATE 1 OF 2



72°00'
45°00'
45'
30'
15'
71°00'
45°00'
Colebrook
Island Pond
Groveton
Lancaster
Lyndonville
St Johnsbury
Whitefield
Littleton
Berlin
Gorham
WHITE MOUNTAIN
NATIONAL
FOREST
WHITE MOUNTAIN
NATIONAL FOREST


WHITE MOUNTAIN WILDERNESS STUDY AREA
WHITE MOUNTAIN NATIONAL FOREST
WHITE MOUNTAINS
OSSIPEE MOUNTAINS
WHITE LAKE STATE PARK
FRANCONIA NOTCH STATE PARK
Littleton
Whitefield
Gorham
Lisbon
North Conway
Conway
15'
44°00'
43°45'
72°00'
45'
30'
15'
71°00'

Base from U.S. Geological Survey 1:250,000-scale topographic maps of the Lewiston and Portland quadrangles

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

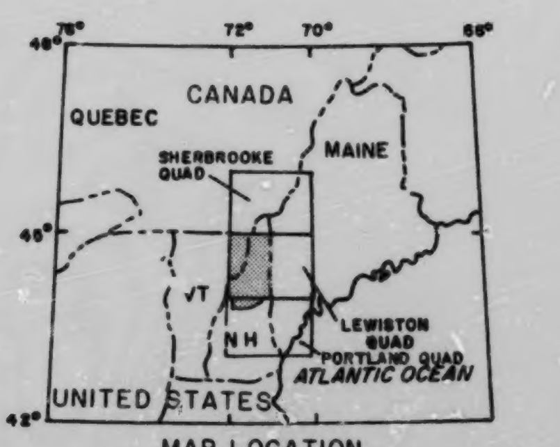
2 0 2 4 6 8 10 KILOMETERS

PLATE 1-LOCALITIES FOR HEAVY-MINERAL-CONCENTRATE SAMPLES COLLECTED IN THE WEST HALF OF THE LEWISTON 1° x 2° QUADRANGLE AND THE WHITE MOUNTAIN WILDERNESS STUDY AREA, NEW HAMPSHIRE, VERMONT, AND MAINE

By

James A. Domenico, Frank H. Howd, Frank C. Canney and Gary A. Nowlan

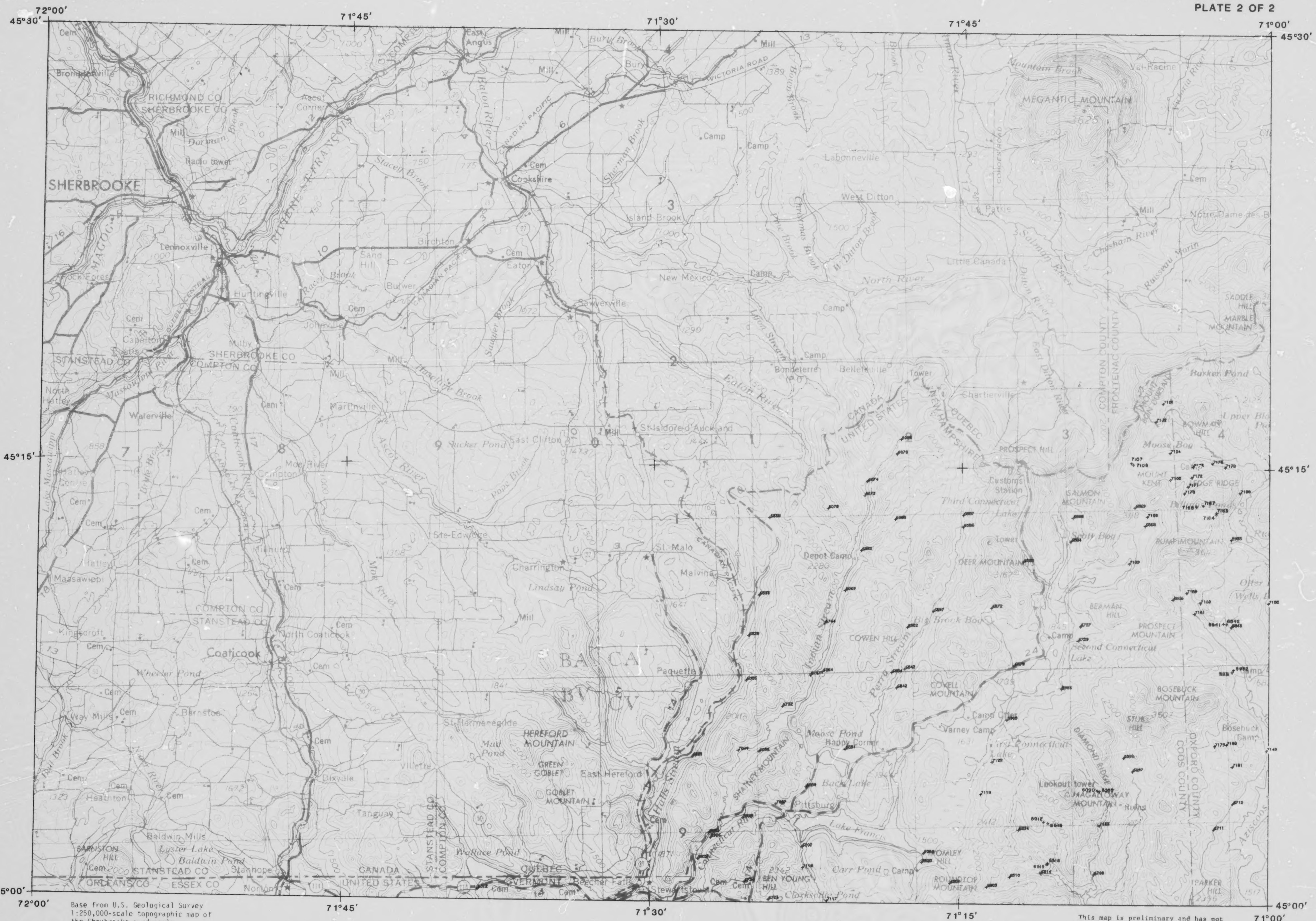
1985


72°
70°
68°
46°
44°
42°
QUEBEC
CANADA
MAINE
SHERBROOKE QUAD
VT
N H
LEWISTON QUAD
PORTLAND QUAD
ATLANTIC OCEAN
UNITED STATES

MAP LOCATION

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 85-225
PLATE 2 OF 2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45°30'
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45°15'
45°15'
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72°00'
71°45'
71°30'
71°15'
45°00'
71°00'
SHERBROOKE
RICHMOND CO
SHERBROOKE CO
Lennoxville
Huntingville
Capelton
STANSTEAD CO
COMPTON CO
Waterville
Compton
Massawippi
Coaticook
North Coaticook
Ascot Corner
East Angus
Bury
Cookshire
Birchton
Eaton
Sawyerville
Island Brook
New Mexico
Martinville
Sucker Pond
East Clifton
St-Isidore-d'Auckland
St-Malo
Malvina
Ste-Edwidge
Lindsay Pond
Paquette
St-Herménégilde
HEREFORD MOUNTAIN
GOBLET MOUNTAIN
East Hereford
Dixville
Tanguay
Wallace Pond
Baldwin Mills
Lyster Lake
Baldwin Pond
BARNSTON HILL
Stanhope
Norton
Beecher Falls
Stewartstown
CANADA
UNITED STATES
QUEBEC
VERMONT
ORLEANS CO
ESSEX CO
Labonneville
West Ditton
La Patrie
Little Canada
North River
Chartierville
Bellefeuille
MEGANTIC MOUNTAIN
Notre-Dame-de-Bon
Chesham River
Val-Racine
SADDLE HILL
MARBLE MOUNTAIN
Barker Pond
COMPTON COUNTY
FRONTENAC COUNTY
PROSPECT HILL
Third Connecticut Lake
SALMON MOUNTAIN
DEER MOUNTAIN
Depot Camp
COWEN HILL
Big Brook Bog
Second Connecticut Lake
COVELL MOUNTAIN
BOSEBUCK MOUNTAIN
Moose Pond
Back Lake
Pittsburg
First Connecticut Lake
Lake Francis
Lookout tower
MAGALLOWAY MOUNTAIN
CROMLEY HILL
ROUNDTOP MOUNTAIN
BEN YOUNG HILL
Clarksville Pond
Carr Pond
PARKER HILL
OXFORD COUNTY
COOS COUNTY
Connecticut River
Indian Stream
Perry Stream
Eaton River
Coaticook River

Base from U.S. Geological Survey
1:250,000-scale topographic map of
the Sherbrooke quadrangle

SCALE 1:125 000
2 0 2 4 6 8 10 MILES
2 0 2 4 6 8 10 KILOMETERS

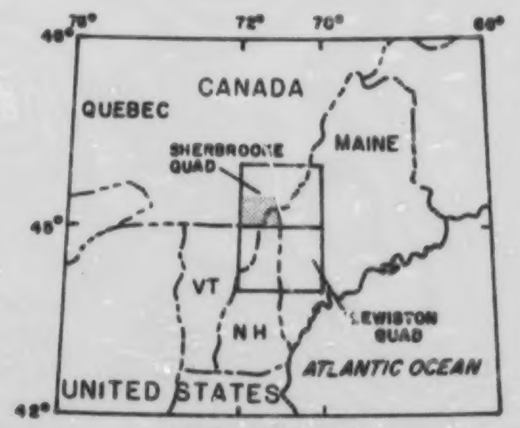
This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

PLATE 2-LOCALITIES FOR HEAVY-MINERAL-CONCENTRATE SAMPLES COLLECTED IN THE WEST HALF OF THE SHERBROOKE 1°x 2° QUADRANGLE, NEW HAMPSHIRE, VERMONT, AND MAINE

By

James A. Domenico, Frank H. Howd, Frank C. Canney, and Gary A. Nowlan

1985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MAP LOCATION